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# WHEAT Situation

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Table 1.--Wheat: Supply, distribution and prices, total and by class
July-June average 1965-69 and annual 1969-72 1/

| Item and Year | Average 1965-69 | 1969/70 | 1970/71 | 1971/72 preliminary | 1972/73 projected |
|---|---|---|---|---|---|
| | - - - - Million bushels - - - - | | | | |
| Beginning carryover | 626 | 817 | 885 | 731 | 863 |
| Production | 1,426 | 1,443 | 1,351 | 1,618 | 1,545 |
| Imports 2/ | 2 | 3 | 1 | 1 | 1 |
| Total supply | 2,054 | 2,263 | 2,237 | 2,350 | 2,409 |
| Food 3/ | 515 | 521 | 519 | 526 | 525 |
| Seed | 66 | 57 | 63 | 64 | 68 |
| Feed (residual) 4/ | 128 | 194 | 186 | 265 | 225 |
| On farms where grown | (47) | (61) | (62) | (73) | |
| Domestic disappearance | 709 | 772 | 768 | 855 | 818 |
| Exports 2/ | 705 | 606 | 738 | 632 | 1,150 |
| Total disappearance | 1,414 | 1,378 | 1,506 | 1,487 | 1,968 |
| Ending carryover | 640 | 885 | 731 | 863 | 441 |
| Privately owned--"Free" | (197) | (152) | (170) | (162) | |
| | - - - - Dollars per bushel - - - - | | | | |
| Price Support | | | | | |
| National average loan rate | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 |
| Average certificate payment | .54 | .65 | .75 | .54 | .47 |
| Season Average Price Received | | | | | |
| By non-participants | 1.37 | 1.24 | 1.33 | 1.34 | 1.67 |
| By program participants | 1.91 | 1.89 | 2.08 | 1.88 | 2.14 |
| | Hard winter | Red winter | Hard spring 5/ | Durum | White |
| | - - - - Million bushels - - - - | | | | |
| 1969/70 | | | | | |
| Beginning carryover | 475 | 33 | 210 | 41 | 58 |
| Production | 785 | 186 | 190 | 108 | 174 |
| Total supply | 1,260 | 219 | 403 | 149 | 232 |
| Domestic disappearance | 350 | 168 | 136 | 35 | 83 |
| Exports 2/ | 336 | 28 | 89 | 34 | 119 |
| Total disappearance | 686 | 196 | 225 | 69 | 202 |
| 1970/71 | | | | | |
| Beginning carryover | 574 | 23 | 178 | 80 | 30 |
| Production | 755 | 174 | 198 | 53 | 171 |
| Total supply | 1,329 | 197 | 377 | 133 | 201 |
| Domestic disappearance | 387 | 156 | 118 | 36 | 71 |
| Exports 2/ | 450 | 26 | 113 | 39 | 110 |
| Total disappearance | 837 | 182 | 231 | 75 | 181 |
| 1971/72 Preliminary | | | | | |
| Beginning carryover | 492 | 15 | 146 | 58 | 20 |
| Production | 747 | 212 | 366 | 92 | 201 |
| Total supply | 1,239 | 227 | 513 | 150 | 221 |
| Domestic disappearance | 432 | 166 | 133 | 37 | 87 |
| Exports 2/ | 337 | 43 | 104 | 44 | 104 |
| Total disappearance | 769 | 209 | 237 | 81 | 191 |
| 1972/73 Projected | | | | | |
| Beginning carryover | 470 | 18 | 276 | 69 | 30 |
| Production | 764 | 227 | 274 | 73 | 207 |
| Total supply | 1,234 | 245 | 551 | 142 | 237 |
| Domestic disappearance | 342 | 166 | 190 | 38 | 82 |
| Exports 2/ | 710 | 70 | 180 | 50 | 140 |
| Total disappearance | 1,052 | 236 | 370 | 88 | 222 |
| Carryover | 182 | 9 | 181 | 54 | 15 |

1/ Data by class, except production, are approximations. Projected disappearance figures should be regarded as midpoint of estimated ranges. 2/ Imports and exports include flour and other products in terms of wheat. 3/ Used for food in the United States, U.S. territories, and by the military at home and abroad. 4/ Assumed to roughly approximate total amount used for feed, including mixed and processed feed, also includes negligible quantities used in distilled spirits and beer. 5/ Total supply of Hard spring includes imports.

# THE WHEAT SITUATION

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## SUMMARY


Prospects for record exports continue to dominate the 1972/73 wheat scene. At 1,150 million bushels they will total a third over the old record of 1965/66. July-December exports flowed at a record 503 million bushels. However, shipments for the rest of the season will have to exceed this pace by a third to reach the projected total for 1972/73.

With total disappearance forecast at a record 1,968 million bushels, the carryover this summer will drop to around 440 million, the least since 1967. Most of this will be in private hands, in contrast to recent years of heavy volumes under loan or owned by CCC.

Developments in the world wheat economy continue to have a bullish effect on the market. The winter wheat crop in the USSR has not progressed as well as hoped. The Australian crop has turned out poorer than expected. Adverse weather in Asia, particularly in India, has expanded food import requirements sharply. Thus, world demand may continue very strong well into the 1973/74 marketing year.

USDA recently announced that loans for all wheat will not be renewed or extended. Thus, around 375 million bushels of wheat, mostly HRS and HRW, could move to market by May 31, 1973. Loan entries for 1972 wheat have remained light as prices at the farm have risen 80 percent from their harvesttime lows. The $2.38 per bushel in January was the highest for that month since 1947.

USDA announced on January 11 the elimination of the 86 percent mandatory set-aside requirement except for farmers who elect to participate in the voluntary set-aside program.

The 1973 winter wheat crop, based on December indications, will total a record 1,278 million bushels. Planted acreage at 42.8 million was up 1 percent, while yields were indicated to rise 6 percent to almost 30 bushels per seeded acre. The percentage of the crop to be harvested for grain was up to 88 percent from 83 percent the year before.

Production of winter wheat might be greater than indicated. The elimination of required set-aside on wheat acreage for 1973 came after both the winter wheat growers and the spring wheat growers were surveyed. In the March prospective plantings report, intentions for spring wheat seedings may show a

further increase over the January indications for a 15-percent rise to 14.6 million acres.

*Hard Red Winter:* HRW exports continue to move at a record pace. Yet, the pace must quicken if 710 million bushels are to be shipped by June 30. By this summer, carryover will be more than halved and will total less than 200 million bushels, the smallest amount since 1952. Large supplies currently under loan and in CCC hands are poised to enter the market. This, along with a potential record 1973 HRW crop, could result in some weakening in prices. Farmers last fall seeded around 3 percent more HRW.

*Hard Red Spring:* HRS demand continues strong. Record exports of 180 million bushels still appear likely and domestic use will surge to 190 million bushels as higher prices of competing wheats have buoyed mill demand for HRS. Prices, continuing strong in the face of fairly large supplies, may weaken as the large stocks of wheat currently under loan move into the market. The elimination of required set-aside should result in a fairly large increase in HRS seedings.

*Soft Red Winter:* SRW disappearance also continues heavy. Good export movement during July-December and the usual mill demand point to relatively tight supplies for the rest of the year. Exports have been stimulated by PL 480 shipments. The carryover this summer is estimated at a low level of less than 10 million bushels. Wet weather at planting time reduced SRW acreage and the 1973 crop may fall 10 to 15 percent from the 1972 level.

Heavy July-December demand resulted in *White* wheat prices soaring 75 percent since harvest. Export demand continues strong. Year-ending stocks are expected to fall to around 15 million bushels, with most areas carrying only pipeline stocks. Acreage seeded to winter White wheat rose only 4 percent. With lower yields anticipated, production may approximate last year's level.

*Durum* supplies, mostly in private hands, continue well in excess of demand. Durum exports have been moving well and should reach the 50 million bushel estimate for the year. Farmers' intentions in early January indicated an increase in durum acreage for 1973.

## THE SITUATION AND OUTLOOK IN 1972/73

### Supply Large

The 1972/73 wheat supply of 2,409 million bushels is the largest since 1962/63. It consists of the third largest crop of 1,545 million bushels and a carryover of 863 million. In 1962/63 production was 29% lower but carryover was 53% greater.

The 1972 harvest was 5% below the 1971 record; yield at 34.9 bushels per acre was down 4% and harvested acreage at 47.3 million was down 1%. The winter wheat crop of 1,186 million bushels was 4% above 1971. Farmers harvested 34.0 million acres, 8% more in 1971, reflecting their first opportunity to respond to the set-aside program. The crop entered the 1971/72 winter in generally good to excellent condition and came through the winter in generally good condition. The percentage of planted acres harvested for grain was the lowest since 1963 because of the voluntary additional set-aside (VASA) provision of the 1972 wheat program and adverse weather.

### Exports Push July-December Use Above 1971

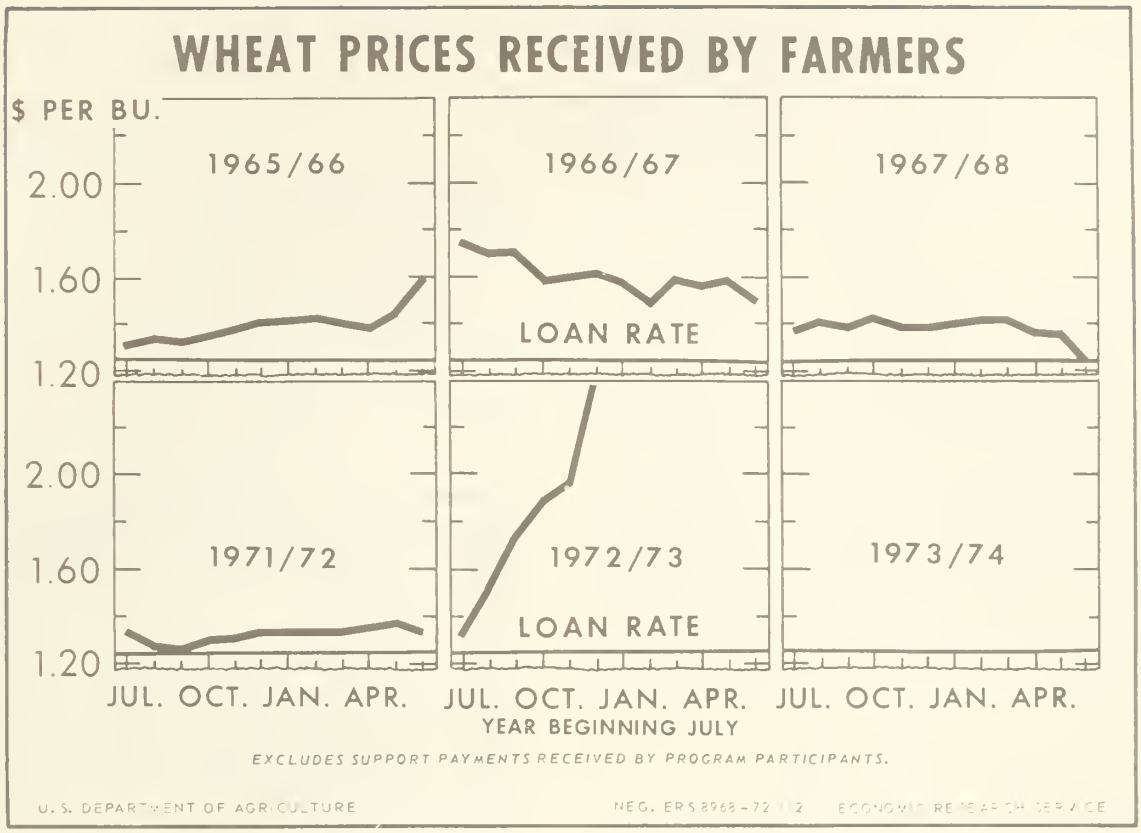
Stocks on January 1, 1973, totaled 1,393 million bushels indicating usage of 1,016 million bushels for the first half of the marketing year, a fourth more than in 1971. Record exports were principally responsible. Shipments totaled 503 million bushels, the largest for any July-December period. About 100 million bushels were inspected for export to the USSR, a fourth of their estimated purchases. Food use was unchanged from July-December 1971, while seed use edged up with increased winter plantings. Feed use at 192 million bushels was about the same as a year ago and surprisingly large in view of price developments.

### Record Disappearance on Horizon, But Exports Must Accelerate

The pace of disappearance for the remainder of the season is expected to continue heavy with exports leading the way. Food, feed, and seed uses will probably ease off seasonally from July-December levels.

For the 1972/73 marketing year, food use is estimated at 525 million bushels, about the same as last season. Growers will likely use 6% more seed wheat, with winter wheat seedings up 1% and substantially higher spring wheat plantings.

Export estimates continue at a record 1,150 million bushels for the season. The pace of weekly shipments quickened after the United States and the USSR reached accord on freight rates via the Maritime Agreement. Around 650 million bushels must be




shipped during January-June, a weekly average of 25 million bushels. A good portion of the total is scheduled out by May 31, the termination date for shipping winter wheat under the export payment program.

There have been problems in the distribution systems—port tie-ups and rail car shortages—which limited the flow of wheat from country points to final buyers. These problems are expected to become more acute as the push to move farm products into export position intensifies.

A zero payment rate for flour exports from all export points was announced on January 10, 1973. This follows the earlier suspension of export payments for wheat.

## Carryover Below "500 Million" But Most "Free"

Prospective utilization indicates July 1 stocks of around 440 million bushels, the least since 1967. There is a strong likelihood that nearly all carryover will be "free" or held outside of the loan or government ownership.

## CCC Sales Heavy; Loans To Mature

Rising prices triggered CCC's minimum selling prices early in the season (not less than 115% of the national average loan rate plus reasonable carrying charges) and during the first 6 months CCC had sold around 230 million bushels (table 5). It appears likely that nearly all inventory will be marketed by year's end.

USDA recently announced that no crop loans will be extended beyond current maturity dates.[1] On December 31, these loans accounted for about 230 million bushels. The current high farm prices afford growers the opportunity to profitably redeem these loans and move this wheat into marketing channels. Thus, CCC should receive very little of the supplies under loan.

Wheat outstanding under loan, December 31, 1972

| Item | HRW | HRS | SRW | White | Durum |
|---|---|---|---|---|---|
| | *Mil. bu.* | *Mil. bu.* | *Mil. bu.* | *Mil. bu.* | *Mil. bu.* |
| Reseal | | | | | |
| 1968-71 crops[1] . . | 77 | 130 | ([2]) | 4 | 20 |
| 1972 crop . . . . . | 26 | 32 | 2 | 9 | 5 |

[1] Partly estimated. [2] Less than 500,000 bushels.

May 31 in Idaho, Montana, North Dakota, Oregon, Washington, and Wyoming; and April 30 in all other States.

Loan rates and prices in Kansas and North Dakota

| Crop of | Kansas | | | North Dakota | | |
|---|---|---|---|---|---|---|
| | Loan rate[1] | Approximate redemption value Dec. 31, 1972 | December 1972 farm price less redemption value | Loan rate[1] | Approximate redemption value Dec. 31, 1972 | December 1972 farm price less redemption value |
| | *Dollar per bushel* | *Dollar per bushel* | *Dollar per bushel* | *Dollar per bushel* | *Dollar per bushel* | *Dollar per bushel* |
| 1968 | 1.22 | 1.42 | 1.01 | 1.23 | 1.42 | .70 |
| 1969 | 1.21 | 1.37 | 1.06 | 1.22 | 1.37 | .75 |
| 1970 | 1.23 | 1.34 | 1.09 | 1.23 | 1.33 | .79 |
| 1971 | 1.22 | 1.29 | 1.14 | 1.23 | 1.29 | .83 |
| 1972 | 1.22 | 1.25 | 1.18 | 1.25 | 1.27 | .85 |

[1] County loan rates weighted by county wheat production, basis No. 1 Grade, ordinary protein.

### New-Crop Loan Activity Continues Light

With cash prices high, farmers' use of the loan program has been well below recent years (table 13). By December 31, farmers had placed only 135 million bushels compared with 359 million in 1971 and 226 million in 1970. Repayments accounted for 45% of placements, leaving only 74 million bushels of new crop wheat outstanding under loan at the end of December.

### Farm Prices Highest in 25 Years

Bullish foreign developments continue to prevail this season, marking one of the most unusual sequences of supply and demand events of the world grain economy. The runup of $1.06 per bushel in U.S. farm prices during the first 6 months of the marketing year was one of the sharpest on record. The January price of $2.38 per bushel was the highest for that month since 1947.

For the remainder of the season, prices are expected to ease some. This expectation is based on (1) anticipated large "free" supplies as growers redeem outstanding loans, (2) Commodity Credit Corporation continuing to market its inventories, and (3) crop prospects in the United States and other major producing countries remaining relatively favorable. However, the market will remain very sensitive to world developments.

### Value of 1972 Crop Sets Record

The 1972 crop is valued at a record $2,575 million, nearly a fifth above 1971. Taking into account government payments to participants in the 1972 wheat program, gross income to growers will total a record $3,430 million.

Gross farm value of wheat

| Crop year | Value of production | Government payments | Gross value |
|---|---|---|---|
| | *Million dollars* | *Million dollars* | *Million dollars* |
| 1968/69 | 1,952 | 746 | 2,698 |
| 1969/70 | 1,816 | 864 | 2,680 |
| 1970/71 | 1,803 | 874 | 2,677 |
| 1971/72 | 2,164 | 878 | 3,042 |
| 1972/73 | 2,575 | 855 | 3,430 |

## INDICATIONS FOR 1973/74

### Required 1973 Wheat Set-Aside Dropped; Grazing Okayed

In a move to assure an adequate supply of agricultural commodities to meet a growing market demand, USDA announced on January 1 the elimination of the 86% mandatory set-aside requirement under the 1973 wheat program, except for producers who choose to participate in the voluntary set-aside. Those growers will have to comply with the mandatory set-aside as well as the voluntary program. To participate in the 1973 wheat program, farmers must sign up at their local Agricultural Stabilization and Conservation Service (ASCS) office during February 5 through March 16.

When the 1973 wheat program was announced in July 1972, the set-aside necessary for program participation was an acreage equal to 86% of a farm's domestic allotment. The national wheat allotment for 1973 is 18.7 million acres. Elimination of the required wheat set-aside acreage will free nearly 15 million acres for production of crops and other uses. Program payments will not be affected by the reduction in set-aside acreage.

Also, the Department approved livestock grazing on acreage set aside under the 1973 wheat and feed grain program. Previously, grazing of set-aside acreage was not permitted during the 5 principal months of the normal growing season. There will be a reduction in payment for grazing the set-aside acres.

The rate of county reductions will be available at all applicable county ASCS offices.

### Winter Seedings Up 1%, Production Estimated 8% Higher

The 1973 winter wheat crop, based on December 1 indications, was estimated at a record 1,278 million bushels. Seedings at 42.8 million acres was 1% above the previous year and yield per seeded acre was estimated at 29.9 bushels, 6% higher. Conditions of the winter crop in late January were mostly good to excellent. The 1973 winter wheat crop could be somewhat larger than indicated as farmers reacting to the lifting of restrictions on wheat plantings change their acreage abandonment plans.

There was sharp contrast in plantings among SRW, HRW, and White in the West. SRW acreage was down 5 to 10% as wet fields in the North Central States, particularly Ohio, Indiana, and Illinois, prevented many farmers from seeding. As a result, the 1973 SRW crop may fall a tenth or more from last years harvest. Conditions for the other classes were relatively good and seeding of HRW and White wheat in the West was generally completed in good order.

With a 3% boost in seedings of HRW and indicated yields up around a tenth, the crop may total as much as a sixth above last year's 764 million bushels. Remember that yield per seeded acre of HRW in 1972 was reduced by a relatively high rate of abandonment caused by the announcement of VASA after seeding had been completed. Also there was bad weather. White wheat acreage for 1973 has increased around 4%. Production is expected to change little from the 195 million bushels of 1972 because of lower prospective yields in Washington and Oregon.

Winter wheat acreage

| Year | Seeded acreage | Harvested acreage | Rate of abandonment |
|---|---|---|---|
| | *1,000 acres* | *1,000 acres* | *Percent* |
| 1960 | 42,725 | 40,027 | 6.3 |
| 1961 | 43,489 | 40,754 | 6.3 |
| 1962 | 38,895 | 33,734 | 13.3 |
| 1963 | 42,289 | 34,807 | 17.7 |
| 1964 | 43,632 | 38,075 | 12.7 |
| 1965 | 45,142 | 37,586 | 16.7 |
| 1966 | 42,746 | 38,616 | 9.7 |
| 1967 | 53,649 | 45,039 | 16.0 |
| 1968 | 48,667 | 41,929 | 13.8 |
| 1969 | 42,338 | 36,303 | 14.3 |
| 1970 | 37,623 | 32,702 | 13.1 |
| 1971 | 38,060 | 32,359 | 15.0 |
| 1972 | 42,247 | 34,891 | 17.4 |

### January Wheat Planting Intentions Up 15%; May Be Higher in March

Growers on January 1 (prior to the elimination of required set-aside) intended to seed 14.6 million acres for the 1973 spring wheat crop. This was 15% above last year's acreage. The first official indication of farmer response to the program change will appear on March 15 in the Prospective Plantings report of the Statistical Reporting Service. Seedings may be substantially larger than indicated on January 1 considering the high prices, strong demand, and the release of set-aside acreage of around 4.5 million acres in the major spring wheat States.

Winter and all Spring wheat: Seeded area and production

| Crop of | Winter | | All spring | |
|---|---|---|---|---|
| | Seeded acre | Production | Seeded acre | Production |
| | *1,000 acres* | *Million bushels* | *1,000 acres* | *Million bushels* |
| 1964 | 43,632 | 1,021 | 12,040 | 262 |
| 1965 | 45,142 | 1,017 | 12,219 | 299 |
| 1966 | 42,746 | 1,057 | 11,359 | 248 |
| 1967 | 53,649 | 1,194 | 13,615 | 313 |
| 1968 | 48,667 | 1,218 | 13,194 | 339 |
| 1969 | 42,338 | 1,131 | 11,112 | 311 |
| 1970 | 37,623 | 1,092 | 11,116 | 260 |
| 1971 | 38,060 | 1,144 | 15,750 | 474 |
| 1972 | 42,247 | 1,186 | 12,695 | 359 |
| 1973 | [1] 42,793 | [1] 1,278 | [2] 14,573 | --- |

[1] Winter wheat indicated Dec. 1, 1972. [2] All spring wheat intentions indicated Jan. 1, 1973.

### 1973 Crop Could Be Record

Indicated winter wheat production and prospective spring wheat plantings point to a possible record harvest in 1973. Weather, of course, will be the major determinant. But if yields are on trend, the 1973 crop would be moderately above the 1,618 million bushel record of 1971.

## WHEAT SITUATION AND OUTLOOK BY CLASSES

### HRW Exports Must Nearly Double July-December Level

Hard Red Winter stocks on January 1 totaled around 730 million bushels; over half was in private hands. July-December disappearance reached 500 million bushels. This was about evenly split between domestic use and exports. With HRW prices running nearly 30 cents over HRS, HRW grind was off somewhat from a year ago as millers substituted HRS in bread flours. High prices also caused feed use of HRW to slip sharply in October-December after a strong first quarter. Seed use, although up from a year ago, did not reach earlier expectations as the winter wheat

seedings report indicated only a 3% increase in HRW acreage.

Exports continued heavy at 230 million bushels for July-December. However, the pace to date is woefully short of that needed for the rest of the year if the estimated 710 million bushels is to be reached.

Total disappearance during January-June 1973 will rise from the first half pace of 500 million bushels. However, exports should account for a much larger percentage of the total as the remaining three-fourths of the 400 million bushels sold to the USSR moves. Feed use of HRW will continue small and food use will likely remain at a reduced level. Based on the above estimates, HRW carryover will plummet to 182 million bushels, smallest since the summer of 1952. The majority of these stocks will likely be privately held.

From which positions must supplies move to meet the anticipated disappearance? Of the January 1 stocks of 730 million bushels, CCC owned close to 200 million, 121 million of which was not committed. Most will likely move into the market before June 30.

Another 100 million bushels was in farmers' hands under reseal and current loan. These loans will not be extended so this quantity will likely move into the market between now and April 31. Thus, besides January 1 free stocks of around 420 million bushels, another 200 million could enter the marketplace. With new crop wheat also available in May and June, potential free supplies appear adequate to meet HRW demand for the rest of 1972/73.

HRW exports for 1972/73 are still estimated at 710 million bushels. To reach this level, exports during January-June will have to run almost double their first half pace.

HRW wheat prices literally soared this season. Kansas farm prices, averaging $1.31 per bushel in July, rose to $2.43 in December.

## HRS Prices Below Those of Other Classes

January 1 stocks of HRS at around 370 million bushels are well in excess of anticipated demand for the remainder of the season. CCC owned about 50 million bushels while close to 160 million remained under loan. All the loan wheat will have to move before May 31.

July-December disappearance was swollen by a surge in milling use, as HRS has been discounted 20 to 30 cents relative to HRW. Exports of HRS during the first 6 months totaled 74 million bushels, slightly behind the pace necessary to reach the 180 million estimated for the crop year.

January 1 "free" stocks of around 160 million bushels were just short of expected disappearance for the remainder of the season. However, free supplies will be increased by wheat moving out of loan and CCC inventories.

Carryover is currently placed at about 180 million bushels. This, in addition to a potentially large 1973 crop, could keep HRS in an oversupply position well into 1973/74.

Thus, HRS is in abundant supply compared with most other classes this year. It has been our cheapest wheat and some foreign customers whose normal preference is HRW have switched to it.

The price rise for HRS has not been as sharp as for the other major classes. At the beginning of August, No. 1 Dark Northern Spring (Ordinary) at Minneapolis was priced about the same as HRW (Ordinary) at Kansas City and White Wheat at Portland, and was about a dime higher than SRW at St. Louis. But recently, DNS has been priced about 20 cents under SRW, 30 cents under HRW and 45 cents under White Wheat. This relatively weak position of HRS is likely to continue for the remainder of the season.

Lifting of acreage restrictions and the high prices of HRS will likely result in a sharp increase in HRS acreage.

## Strong Demand Tightens SRW Supplies

SRW stocks on January 1 were between 80 and 90 million bushels, pointing to a relatively tight supply. Very little of this wheat was in government hands or under price support loan. A survey by the National Soft Wheat Association showed that SRW millers are maintaining reasonably large working stocks. But shortages may crop up in large milling areas.

July-December disappearance of SRW was exceptionally large, reflecting heavy early season feeding and large exports.

Exports were 52 million bushels, well ahead of the pace needed to reach the estimated 70 million for the season. Part of this heavy movement, which has caused concern that the 1972/73 SRW supply may be oversold, reflected a surge in PL-480 demand. With SRW priced below HRW over 20 million bushels have been moved under PL-480.

January-June disappearance is expected to slump as high prices and short supplies limit feeding and exports. It now appears that use will run about 85 million bushels for January-June, leaving stocks of only around 9 million bushels, all privately held. Further affecting the SRW market this spring and summer will be the anticipated smaller 1973 SRW wheat crop.

SRW prices at the farm have zoomed since July; farm prices in Ohio were $2.52 in December compared to $1.29 per bushel in July.

In summary, SRW supplies could be especially tight near the end of the season and before new-crop harvest. A smaller 1973 crop and strong export demand could have a buoyant effect on the SRW

market. Last year's situation in which supplies were very tight around milling centers in the North Central States and more abundant elsewhere may recur. Millers will likely have to move outside their usual supply perimeters for 1973/74 SRW With the government owning no SRW, millers will have to rely on the free market.

### White Wheat Prices Highest

January 1 stocks of White Wheat in the Western and Eastern regions totaled somewhat over 100 million bushels. CCC stocks are virtually exhausted and about 13 million bushels were left under loan. Supplies in the Pacific Northwest have already tightened as a result of export demand.

Disappearance during July-December totaled around 130 million bushels. This was sharply above the previous season, when West Coast ports were closed. Exports totaled 79 million bushels through December 1972 indicating that the season's estimate of 140 million bushels should easily be reached.

Stocks by this summer could fall to around 15 million bushels, all in private hands. Only around half of this would be in the Pacific Northwest.

White wheat prices at Portland have increased about 75% since harvest. This runup is greater than for any other class and can be attributed to very strong commercial demand. Also, sales to the Peoples Republic of China and speculation about further marketings have added to the acceleration.

White wheat supplies will remain tight until the new crop becomes available in early July. Consequently, prices are likely to remain high the remainder of the season.

Prices of Eastern White at Toledo have also increased sharply, paralleling the increase in SRW. The situation here differs from that on the West Coast. Most of the Eastern demand pull is from millers competing for supplies, while in the West the pull is largely from exporters.

### Durum Supply-Demand Normal But Prices High

Durum stocks on January 1 totaled 99 million bushels, down substantially from a year ago, but still well in excess of anticipated needs for the remainder of the season. CCC holdings were less than a million bushels, and at least part of the 25 million under loan will likely move to market.

Domestic use during July-December at 17 million bushels was somewhat larger than a year earlier. Exports totaled 26 million bushels. This is consistent with the estimate of 50 million bushels for the marketing season. Disappearance during the second half of the crop year should differ little from that of July-December.

Carryover of 54 million bushels this summer would be down 22% from a year earlier but still ample. Durum production in 1973 is likely to jump as producers expand acreage in view of good prices and the lack of restrictions on plantings.

Durum farm prices like all other classes have moved up. But like HRS, they have not been as strong as prices for HRW, SRW, and White. Prices at Minneapolis have risen from around $1.80 per bushel in early August to $2.55 in January. With large supplies and a large crop in prospect, prices could drop substantially during the remainder of the season.

### Quality of the 1972 Crop Good But Lower Than 1971[1]

The 1972 HRW crop is somewhat lower in average protein content than the previous crop, Overall average protein is slightly under 12% compared with a little over 12% a year ago. Higher than normal protein in Texas and Oklahoma crops was offset by generally lower than normal protein elsewhere. A slightly smaller percentage of the crop graded No. 2 or better this year. The share of the crop grading yellow hard (low protein in HRW) jumped to 21.0% compared with only 11.3% in 1971. The cool wet weather this year resulted in a sharp increase in the amount of the crop that graded tough. Dockage (material that can be easily removed in the cleaning process) for the 1972 crop was about the same as a year ago as were most other grading factors.

HRS protein content ran about 14%, nearly 0.5% below 1971, as a result of a sharp drop in Montana protein. The availability of high proteins is somewhat less. Slightly more of the harvest graded No. 1 or better, but the portion of the crop qualifying as Dark Northern Spring was off sharply. Moisture content was up slightly, as was the share of the crop that graded tough (wheat containing more than 13.5% moisture). Test weight at 60.3 pounds per bushel decreased fractionally. The portion of the crop showing contrasting classes or other classes of wheat jumped sharply, illustrating the difficulty in identifying some of the new varieties of semi-dwarf or short stemmed HRS wheats.

The 1972 SRW crop was slightly higher quality, with 76.3% grading No. 2 or better compared with 72% for the 1971 crop. Protein content averaged around 10%, somewhat below a year ago, but was generally quite satisfactory for the production of the various soft wheat flours. Two problems plagued the 1972 crop. Adverse weather in the southern producing area contributed to a sharp increase in the percent of the crop grading sample. Also, the percent grading tough is the largest since 1969. The wet weather that

[1]Based in part on data collected for "1972 Crops Grain Crop Quality" Grain Division, AMS.

delayed harvest also resulted in some increase in the average moisture content. Test weight is the lowest since the 1969 harvest. Kernel damage and defects also increased.

The White wheat crop was of higher quality with 91% of the crop grading No. 2 or better compared with 84% for 1971. Test weight of the 1972 crop crept up slightly. Although the moisture content was unchanged, the percent of the crop grading tough increased but was still well below the 1969 and 1970 levels. Dockage and total defects decreased somewhat. The percent of the inspected receipts reported as White Club continued to expand.

The Durum crop points out the problems faced in determining crop quality. Only 83% graded No.2 or better compared with 89% a year ago. However, the percent of the crop reported as Hard Amber Durum was up almost 7%. Both of these factors have been overshadowed by the presence of blackpoint. A fungus disease, blackpoint hits the kernel and is difficult to remove during the milling for semolina. Thus, a semolina product with small black specks results. With the likelihood of carrying over sizable quantities of the 1972 crop, this problem is likely to continue. The percentage grading tough increased as the average moisture content of the crop, at 12.1%, was the highest since 1968. Test weight slipped slightly from 1971's good level. Most of the other quality factors showed a somewhat higher level of defects.

## RECENT WORLD WHEAT DEVELOPMENTS

### USSR Winter Wheat Plantings Short of Goal

Dry weather in European USSR delayed fall seeding by about 3 weeks. Winter wheat seedings were about a sixth below the planned 55 million acres. This underplanted area will primarily be seeded to barley in the spring.

According to Soviet press accounts, the winter crop got off to a generally good start in the Ukraine, Moldavia, and Northwestern Caucassus. With the late start and unusually warm weather in early January, snow cover apparently is inadequate leaving the crop more vulnerable than usual to severe winter temperatures.

Assuming a normal level of winter kill, winter wheat acreage for harvest would slightly exceed the 1972 level. And if yields are average, production would be up substantially.

### Canada's 1973 Plantings Likely to be Sharply Higher

In anticipation of continued strong export demand, Canadian wheat disappearance in 1973/74 is expected to decline only slightly from last year's 765 million bushels. With wheat carryover next summer down to the lowest level since 1952, it is expected that the 1973 area will show a sizeable increase.

The initial payment to Canadian wheat farmers for 1973 and the government's production goal will be announced in March. In view of current high prices, it is likely that the initial payment will be as high, as the C$1.76 announced last October, which was retroactive to the beginning of the 1972/73 marketing year.

Assuming normal weather in 1973, acreage would have to increase at least a fifth from 1972's 21.4 million acres in order to cover expected disappearance. Yields could be below average since with a larger area seeded, a smaller percentage would be seeded on fallow land.

### Southern Hemisphere 1972/73 Crops Range From Good to Bad

Argentina and Australia have just harvested contrasting crops, nearly offsetting in size. In Argentina, favorable growing conditions and increased plantings yielded a crop of 8 million metric tons, nearly 50% larger than a year ago. Export availability from this crop is estimated at 3.8 million tons.

Australia's wheat crop was plagued by dry weather from start to finish, plummeting yields below 10 quintals per hectare and dropping the harvest a third to 5.9 million tons. Carryover at the end of the Australian marketing year will be down to minimum pipeline levels.

Brazil's wheat crop was a near disaster after several years of spiraling production. Wet cold weather plus insect damage reversed a string of crop increases which started at 0.2 million tons in 1965/66 and ended at 2.0 million tons in 1971. Crop losses are estimated at around 50%, which would push Brazil's 1973 import requirements up about a million tons.

### India's 1972/73 Grain Crops Reduced

A successful harvest of wheat, rice and coarse grains in India relies on favorable monsoon rains which commence in May and June. Last year's monsoons were erratic, and the resulting 7 million ton drop in the 1972/73 grain crop shorted food grain supplies, bringing on the need for imports.

While this development has raised questions about

Wheat prices at Rotterdam, the Netherlands, c.i.f.

| Classes and year | June 28 | Sept. 27 | Oct. 25 | Nov. 29 | Dec. 27 |
|---|---|---|---|---|---|
| | *Dol. per bu.* | | | | |
| United States | | | | | |
| HRW 13.5% | | | | | |
| 1971 .... | 1.88 | 1.77 | 1.79 | 1.81 | 1.78 |
| 1972 .... | 1.77 | 2.59 | 2.50 | 2.48 | 2.95 |
| DNS 14% | | | | | |
| 1971 .... | 1.97 | 1.81 | 1.88 | 1.90 | 1.92 |
| 1972 .... | 1.86 | 2.52 | 2.54 | 2.52 | 2.95 |
| Canada No. 1 | | | | | |
| CWRS 14 | | | | | |
| 1971 .... | 1.97 | 1.89 | 1.97 | 2.00 | 2.02 |
| 1972 .... | 1.99 | 2.82 | 2.74 | 2.79 | 3.22 |

Basis: 30 to 60 days delivery.

the Green Revolution in India, it was not the wheat output that suffered but that of rice and fall harvested coarse grains. Production of wheat at 26.5 million metric tons lost none of its sparkle, hitting its sixth consecutive record last spring.

The extent of India's food import need is still uncertain, but wheat has traditionally been the grain filling most of the gap.

### Record Import Demand Keeps Pressure on Prices

Huge Soviet purchases along with larger imports by the Peoples Republic of China point to a prospective record 1972/73 world wheat trade. It is estimated at 69 million metric tons, 10% above the previous 1965/66 high. Recent demand developments in Asia have added fuel to the already heated wheat economy. Trade perhaps could expand even more, save for the constraints of distribution systems and limited exportable supplies.

The combination of strong demand vying for limited supplies has contributed to one of the sharpest advances for world prices in many years. By the end of December, prices had increased nearly a dollar a bushel from early-season levels.

## PROGRESS OF UNITED STATES—SOVIET WHEAT TRADING ARRANGEMENTS

A number of events led to the sale and exports of U.S. grain to the USSR, including an estimated 400 million bushels of wheat, the largest U.S. grain sale to a single country. The following is a chronology of the most important of those events.

. . . In June 1971 President Nixon rescinded a directive requiring 50% use of U.S. flag vessels in exporting grain to the USSR.

. . . The winter of 1971/72 in European USSR was extremely severe—cold and dry—resulting in widespread winter kill of fall-sown grains.

. . . In April 1972, Secretary Butz led a team of officials on a trade development trip to Moscow.

. . . In May 1972, President Nixon made his trip to the Soviet Union, at which time agricultural trade talks continued.

. . . On July 8, 1972, President Nixon announced a trade agreement between the governments. The Soviets agreed to buy at least $750 million of U.S. grain (wheat, corn, barley, grain sorghum, rye and oats) during the period ending July 31, 1975. At least $200 million of grain would be purchased during the first year of the agreement. The United States, in turn, agreed to make 3-year credit available under the CCC-export credit sales program up to a maximum of $750 million, of which no more than $500 million was to be outstanding at any one time.

. . . During July, USSR crop conditions deteriorated with a siege of hot, dry weather.

### Sales Negotiated Privately

Although the governments negotiated the trade agreement, all sales of U.S. farm products have been concluded by private export firms and Eksportkhleb, the Soviet international grain trading agency.

. . . In early July a Soviet purchasing mission began buying U.S. grain. It left the United States in late July, then returned in early August, and it soon became apparent that additional large orders for wheat mainly HRW, were being placed.

### Maritime Agreement Signed

. . . On October 14, we signed a maritime agreement with the Soviet Union. It set forth the intention of both governments that the national-flag vessels of each country carry equal and substantial shares of the oceanborne commerce between the nations. National-flag vessels of each nation have the opportunity to carry not less than one-third of all cargoes moving in whole or in part by sea between the nations, whether direct or by transshipment through third countries. *For grain shipments, the one-third requirement was to be applied retroactively to all shipments since July 1, 1972.*

With respect to charter rates for agricultural commodities and products, the Soviet Union would offer to U.S. vessels the *higher of*

1) A rate computed on a 3-year average formula for

the years 1969, 1970, and 1971. This rate for the route most expected to be used (Gulf ports to the Black Sea Ports) for the current grain sales is $8.05 per ton for wheat and other heavy grains.

2) 110% of the current world market rates for the shipment involved.

Implementation of the agreement was delayed until accord could be reached on the ongoing world freight rates.

. . . On November 24 an agreement was reached on U.S. flag rates covering shipments until January 25, 1973. These rates were $10.34 per metric ton through December 15, $10.12 through December 25, and $9.90 through January 25.

. . . Later, agreement was reached on a rate of $10.34 through June 1973.

The special provisions for rates on agricultural cargo will apply through June 30, 1973. The overall agreement remains in force through 1975, subject to earlier termination by either party on 90-day notice.

## HIGHLIGHTS OF THE RYE SITUATION

Rye disappearance during July-December totaled 20.8 million bushels, somewhat below a year earlier. A large domestic use was more than offset by a paucity of exports. Feed usage at 13.0 million bushels showed the largest increase.

Milling of rye for flour was surprisingly slow. With rye prices rising less sharply than those of soft wheats, it was expected that millers would blend as much rye flour as quality control would allow with the soft wheat flour used for crackers and other products. This was the case in the middle and late 1960's when rye grindings increased after a long decline. However, so far this year, they have not picked up but are lagging.

Domestic use during January-June will rise from the 9 million bushels of a year ago. Exports are estimated at 15 million bushels, compared with only around 4,000 bushels during January-June a year ago. This assumes that a majority of the rye involved in a mid-November CCC sale for unrestricted use will move into export. This sale nearly depleted CCC's terminal stocks, although about 10 million bushels are still in other positions. Credit has been requested on shipments of around 13 million bushels of rye under the CCC-export credit sales program.

As of January 1, over 5 million bushels of 1972 crop and 7 million of 1971 crop rye were still outstanding under loan. USDA announced in December that 1971-crop farm and warehouse stored loans would not be extended past the maturity date. No decision has been made about the extension of 1972-crop loans past the April 30, 1973, maturity.

If the disappearance estimates are realized, rye stocks would fall to 27.9 million bushels this summer, down substantially from a year ago.

Rye has been the stepchild in this season's Cinderalla grain economy. While demand has leaped for other grains, it continues to flag for rye, and supplies rest at burdensome levels. Farm prices of wheat have jumped 80%, while rye moved up only 26% from its season's low. Rye at the farm was trading only 15% over loan in December compared with a 90% spread for wheat, barley 53%, sorghum 52%, and oats 49%. During the first 6 months, rye prices averaged 95 cents per bushel, 6 cents over the loan rate and 11 cents over the same period a year ago.

The price support for 1973 crop rye was set at 89 cents per bushel, unchanged from the 1972 level.

## OUTLOOK CONFERENCE SCHEDULED FOR FEB. 20-22, 1973

The 1973 National Agricultural Outlook Conference has been set for Feb. 20 through 22, at the U.S. Department of Agriculture in Washington, D.C.

Central theme of the Conference will be "The Future Structure of Agricultural Production and Marketing." Such topics as the long-range expansion of demand for agricultural products, input requirements of the food industry, significant trends in organization and control of the food and fiber sector of the economy, impact of environmental developments on agricultural production and marketing, and future developments in the export market will be explored in depth.

The 1973 outlook for U.S. agriculture and the general economy will receive particular attention at the Conference. Sessions on the 1973 outlook for major commodities and rural family living will make up an important part of the Conference as usual. The Conference, sponsored by USDA's Economic Research Service and Extension Service, will feature presentations and panel discussions by leading authorities in agriculture and business.

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Table 2.--Wheat: U.S. supply and disappearance, average 1965-69. by quarters, 1970-72

| Year and quarter | Beginning stocks | Production | Imports | Total supply | Ending stocks | Total disappearance | Exports: Grain 1/ | Exports: Flour | Exports: Products 2/ | Exports: Total | Domestic: Flour | Domestic: Other products 2/ | Domestic: Total food | Domestic: Seed | Domestic: Feed 3/ | Domestic: Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Million bushels - - - - | | | | | | | | | | | | | | | |
| Average 1965-69 | | | | | | | | | | | | | | | | |
| July-Sept. | 626.4 | 1,425.5 | .4 | 2,052.3 | 1,649.2 | 403.1 | 163.2 | 14.8 | 2.2 | 180.2 | 128.7 | 3.3 | 132.0 | 26.5 | 64.4 | 222.9 |
| Oct.-Dec. | 1,649.2 | | .4 | 1,649.6 | 1,293.5 | 356.1 | 160.4 | 17.6 | 2.9 | 180.9 | 129.6 | 3.3 | 132.9 | 24.4 | 17.9 | 175.2 |
| Jan.-Mar. | 1,293.5 | | .4 | 1,293.9 | 952.3 | 341.6 | 149.4 | 12.7 | 3.1 | 165.2 | 126.5 | 3.3 | 129.8 | .3 | 45.3 | 176.4 |
| Apr.-June | 952.3 | | .4 | 952.7 | 639.9 | 312.8 | 156.8 | 18.6 | 2.9 | 178.3 | 117.3 | 3.4 | 120.7 | 14.8 | | 134.5 |
| Season | 626.4 | 1,425.5 | 1.6 | 2,053.5 | 639.9 | 1,413.6 | 629.8 | 63.7 | 11.1 | 704.6 | 502.1 | 13.3 | 515.4 | 66.0 | 127.6 | 709.0 |
| 1970/71 | | | | | | | | | | | | | | | | |
| July-Sept. | 884.9 | 1,351.6 | .2 | 2,236.7 | 1,788.5 | 448.2 | 154.2 | 9.6 | 3.2 | 167.0 | 131.8 | 3.5 | 135.3 | 24.8 | 121.1 | 281.2 |
| Oct.-Dec. | 1,788.5 | | .2 | 1,788.7 | 1,410.0 | 378.7 | 191.7 | 16.1 | 3.7 | 211.5 | 127.8 | 3.5 | 131.3 | 23.6 | 12.3 | 167.2 |
| Jan.-Mar. | 1,410.0 | | .3 | 1,410.3 | 1,060.4 | 349.9 | 166.0 | 11.3 | 2.1 | 179.4 | 125.7 | 3.5 | 129.2 | .4 | 40.9 | 170.5 |
| Apr.-June | 1,060.4 | | .4 | 1,060.8 | 731.5 | 329.3 | 161.6 | 15.0 | 3.0 | 179.6 | 120.1 | 3.6 | 123.7 | 14.4 | 11.6 | 149.7 |
| Season | 884.9 | 1,351.6 | 1.1 | 2,237.6 | 731.5 | 1,506.1 | 673.5 | 52.0 | 12.0 | 737.5 | 505.4 | 14.1 | 519.5 | 63.2 | 185.9 | 768.6 |
| 1971/72 | | | | | | | | | | | | | | | | |
| July-Sept. | 731.5 | 1,617.8 | .2 | 2,349.5 | 1,873.3 | 476.2 | 150.0 | 11.7 | 2.5 | 164.2 | 132.1 | 3.5 | 135.6 | 25.2 | 151.2 | 312.0 |
| Oct.-Dec. | 1,873.3 | | .2 | 1,873.5 | 1,547.3 | 326.2 | 118.4 | 8.9 | 2.9 | 130.2 | 130.0 | 3.5 | 133.5 | 23.9 | 38.6 | 196.0 |
| Jan.-Mar. | 1,547.3 | | .3 | 1,547.6 | 1,210.4 | 337.2 | 133.4 | 10.7 | 2.9 | 147.0 | 126.4 | 3.6 | 130.0 | .4 | 59.8 | 190.2 |
| Apr.-June | 1,210.4 | | .3 | 1,210.7 | 863.1 | 347.6 | 174.7 | 14.5 | 1.9 | 191.1 | 123.3 | 3.6 | 126.9 | 14.5 | 15.1 | 156.5 |
| Season | 731.5 | 1,617.8 | 1.0 | 2,350.3 | 863.1 | 1,487.2 | 576.5 | 45.8 | 10.2 | 632.5 | 511.8 | 14.2 | 526.0 | 64.0 | 264.7 | 854.7 |
| 1972/73 | | | | | | | | | | | | | | | | |
| July-Sept. | 863.1 | 1,544.8 | .3 | 2,408.2 | 1,865.6 | 542.6 | 200.8 | 10.5 | 2.8 | 214.1 | 128.7 | 3.5 | 132.2 | 26.7 | 169.6 | 328.5 |
| Oct.-Dec. 4/ | 1,865.6 | | .3 | 1,865.9 | 1,393.1 | 472.8 | 274.3 | 11.2 | 3.1 | 288.6 | 132.7 | 3.5 | 136.2 | 25.4 | 22.6 | 184.2 |
| Jan.-Mar. | | | | | | | | | | | | | | | | |
| Apr.-June | | | | | | | | | | | | | | | | |
| Seaaon | | | | | | | | | | | | | | | | |

1/ Adjusted for transhipments of U.S. wheat through Canada.

2/ Includes bulgar, rolled wheat, semolina and macaroni.

3/ Assumed to roughly approximate total amount used for feed, including amount used in mixed and processed feed, also includes negligible quantities used in distilled spirits and beer. When seed allocation results in a negative feed residual, feed use is not shown by quarter.

4/ Partly estimated.

Table 3.--Wheat: Current indicators of export movement, by program, coastal area and class of wheat, July-December 1971 and 1972

| Period, program, and coastal area | Wheat (grain only)-Inspections for export 1/ | | | | | | |
|---|---|---|---|---|---|---|---|
| | Hard winter | Red winter | Hard spring | Durum | White | Mixed | Total |
| | - - - - Million bushels - - - - | | | | | | |
| July-December 1971 | | | | | | | |
| Dollars | 57.5 | 3.5 | 35.0 | 7.0 | 14.3 | .6 | 117.9 |
| CCC Credit | 10.4 | 3.5 | 5.4 | .7 | 4.5 | --- | 24.5 |
| Barter | 31.7 | 2.7 | 3.5 | 5.3 | 6.9 | .5 | 50.6 |
| Commercial | 99.6 | 9.7 | 43.9 | 13.0 | 25.7 | 1.1 | 193.0 |
| P.L. 480 | 49.8 | 15.1 | 3.7 | .4 | 7.2 | --- | 76.2 |
| Total | 149.4 | 24.8 | 47.6 | 13.4 | 32.9 | 1.1 | 269.2 |
| July-December 1972 | | | | | | | |
| Dollars | 135.7 | 19.0 | 58.0 | 22.8 | 41.1 | --- | 276.6 |
| CCC Credit | 60.5 | 7.8 | 7.8 | 1.0 | 13.1 | .5 | 90.7 |
| Barter | 14.5 | .5 | 1.8 | 2.3 | 5.9 | --- | 25.0 |
| Commercial | 210.7 | 27.3 | 67.6 | 26.1 | 60.1 | .5 | 392.3 |
| P.L. 480 | 19.4 | 25.2 | 6.6 | .1 | 18.9 | --- | 70.2 |
| Total | 230.1 | 52.5 | 74.2 | 26.2 | 79.0 | .5 | 462.5 |
| July-December 1971 | | | | | | | |
| Coastal areas: | | | | | | | |
| Great Lakes | 2/ | 4.6 | 21.5 | 11.0 | .1 | .5 | 37.7 |
| Atlantic | --- | 3.0 | .4 | --- | .3 | --- | 3.7 |
| Gulf | 133.5 | 17.2 | 12.4 | 1.4 | --- | .6 | 165.1 |
| Pacific | 15.9 | --- | 13.3 | 1.0 | 32.5 | --- | 62.7 |
| Total | 149.4 | 24.8 | 47.6 | 13.4 | 32.9 | 1.1 | 269.2 |
| July-December 1972 | | | | | | | |
| Coastal areas: | | | | | | | |
| Great Lakes | 1.0 | 3.0 | 27.6 | 22.7 | 2/ | --- | 54.3 |
| Atlantic | --- | 16.6 | .7 | --- | .3 | --- | 17.6 |
| Gulf | 202.8 | 32.8 | 15.5 | 2.9 | --- | .5 | 254.5 |
| Pacific | 26.3 | .1 | 30.4 | .6 | 78.7 | --- | 136.1 |
| Total | 230.1 | 52.5 | 74.2 | 26.2 | 79.0 | .5 | 462.5 |

1/ Based on weekly reports of inspections for export. Does not include rail or truck movement to Canada or Mexico. 2/ Less than 50,000 bushels.

Table 4.--Wheat: U.S. inspections for export, by programs and major country of destination, July-December 1971 and 1972

| Year and Country | Dollar sales | CCC credit | Barter | P.L. 480 | Total |
|---|---|---|---|---|---|
| | - - - - 1,000 bushels - - - - | | | | |
| July-December 1972 | | | | | |
| Algeria | --- | --- | 3,337 | --- | 3,337 |
| Bangladesh | 4,212 | --- | --- | 12,234 | 16,446 |
| Belgium | 4,814 | --- | --- | --- | 4,814 |
| Brazil | 12,085 | --- | 6,560 | --- | 18,645 |
| China (Taiwan) | 7,193 | --- | 3,038 | --- | 10,231 |
| Colombia | --- | --- | 4,572 | --- | 4,572 |
| El Salvador | 1,164 | --- | 409 | --- | 1,573 |
| France | 3,513 | --- | --- | --- | 3,513 |
| Germany, East | 5,002 | --- | --- | --- | 5,002 |
| Germany, West | 4,466 | --- | --- | --- | 4,466 |
| India | --- | --- | --- | 3,505 | 3,505 |
| Indonesia | --- | --- | --- | 7,281 | 7,281 |
| Iran | --- | 8,737 | --- | --- | 8,737 |
| Ireland | 1,781 | --- | --- | --- | 1,781 |
| Israel | --- | --- | --- | 4,313 | 4,313 |
| Italy | 2,420 | --- | --- | --- | 2,420 |
| Japan | 55,552 | --- | --- | --- | 55,552 |
| Korea | 5,133 | 4,905 | 3,147 | 9,918 | 23,103 |
| Mexico | 12,732 | --- | --- | --- | 12,732 |
| Netherlands | 32,746 | --- | --- | --- | 32,746 |
| Nigeria | 5,277 | --- | --- | --- | 5,277 |
| Pakistan | --- | 4,640 | --- | 22,580 | 27,220 |
| Peoples Rep. of China | 21,547 | --- | --- | --- | 21,547 |
| Peru | --- | 7,514 | 1,314 | --- | 8,828 |
| Philippines | 1,078 | 8,538 | --- | --- | 9,616 |
| Poland | 3,101 | 2,117 | --- | --- | 5,218 |
| Portugal | 2,172 | --- | --- | --- | 2,172 |
| United Kingdom | 6,466 | --- | --- | --- | 6,466 |
| USSR | 1/60,221 | 38,515 | --- | --- | 98,736 |
| Uruguay | --- | --- | --- | 4,364 | 4,364 |
| Venezuela | 12,639 | --- | --- | --- | 12,639 |
| Vietnam | --- | --- | --- | 1,941 | 1,941 |
| Yugoslavia | --- | 13,380 | --- | --- | 13,380 |
| Other | 11,311 | 2,343 | 2,610 | 4,087 | 20,351 |
| Grand Total | 276,625 | 90,689 | 24,987 | 70,223 | 462,524 |
| July-December 1971 | | | | | |
| Afghanistan | --- | --- | --- | 3,734 | 3,734 |
| Algeria | 287 | --- | 1,105 | --- | 1,392 |
| Belgium | 3,690 | --- | --- | --- | 3,690 |
| Brazil | --- | --- | 15,216 | 681 | 15,897 |
| China (Taiwan) | 1,889 | --- | 2,557 | 504 | 4,950 |
| Colombia | --- | --- | 4,816 | 1,816 | 6,632 |
| Ecuador | --- | 494 | 201 | 889 | 1,584 |
| Guatemala | 1,074 | --- | 596 | --- | 1,670 |
| India | --- | --- | 3,752 | 19,773 | 23,525 |
| Iran | --- | 4,965 | --- | 4,077 | 9,042 |
| Israel | --- | --- | 3,860 | 6,519 | 10,379 |
| Italy | 2,057 | --- | --- | --- | 2,057 |
| Japan | 43,585 | --- | --- | --- | 43,585 |
| Korea | 2,121 | 1,138 | 2,933 | 11,020 | 17,212 |
| Lebanon | --- | --- | 1,135 | 1,678 | 2,813 |
| Mexico | 6,684 | --- | --- | --- | 6,684 |
| Morocco | --- | 7,962 | --- | 2,392 | 10,354 |
| Netherlands | 18,006 | --- | --- | --- | 18,006 |
| Nigeria | 7,957 | --- | --- | --- | 7,957 |
| Pakistan | --- | --- | --- | 12,638 | 12,638 |
| Peru | --- | 1,451 | 5,000 | --- | 6,451 |
| Philippines | --- | 6,013 | --- | --- | 6,013 |
| Portugal | 3,172 | --- | --- | --- | 3,172 |
| Syrian Arab Republic | --- | --- | 5,859 | --- | 5,859 |
| Tunisia | --- | 1,392 | --- | 519 | 1,911 |
| Turkey | --- | --- | --- | 2,876 | 2,876 |
| United Kingdom | 7,296 | --- | --- | --- | 7,296 |
| Venezuela | 10,571 | --- | --- | --- | 10,571 |
| Vietnam | --- | --- | --- | 2,972 | 2,972 |
| Other | 9,486 | 1,036 | 3,607 | 4,134 | 18,263 |
| Grand Total | 117,875 | 24,451 | 50,637 | 76,222 | 269,185 |

1/ 7,791,000 bushels deleted; purchased by the USSR and diverted to the following countries: East Germany 5,002,000 bushels, Poland 1,990,000 bushels, and Czechoslovakia 799,000 bushels.

Based on weekly reports of inspections for export by licensed grain inspectors and does not include rail and truck movement to Canada or Mexico.

Agriculture Marketing Service, Grain Division.

Table 5.--Wheat: CCC operations, stock ownership, sales and dispositions at specified dates 1971-72 1/

| Item | Price Support Operations | | |
|---|---|---|---|
| | 1971 crop as of | | 1972 crop as of |
| | December 31, 1971 | June 30, 1972 | December 31, 1972 |
| | - - - - Million bushels - - - - | | |
| Loans made | 359.3 | 438.0 | 135.1 |
| Loan repayments | 43.9 | 238.1 | 61.3 |
| Deliveries | --- | 9.5 | --- |
| Remaining under current loan | 315.4 | 190.4 | 73.8 |
| Purchases | --- | 22.5 | --- |
| | Stock Ownership | | |
| | - - - - Million bushels - - - - | | |
| CCC | 371.9 | 367.4 | 267.3 |
| Reseal loan | 170.5 | 143.6 | 231.2 |
| Remaining under current loan | 315.4 | 190.4 | 73.8 |
| Total CCC and loans outstanding | 857.8 | 701.4 | 572.3 |
| Privately held ("free") stocks | 689.5 | 161.7 | 820.8 |
| Total stocks all positions | 1,547.3 | 863.1 | 1,393.1 |
| | Sales and Dispositions | | |
| | July-December 1971 | July-June 1971/72 | July-December 1972 |
| | - - - - Million bushels - - - - | | |
| Statuatory Minimum Price 2/ | 1.0 | 2.5 | 195.6 |
| Domestic | 1.0 | 1.6 | .4 |
| Export | | | |
| GR 261 and 345 3/ | 11.7 | 22.3 | 13.9 |
| Donations | 13.9 | 28.0 | 23.2 |
| Total export | 25.6 | 50.3 | 37.1 |
| Total sales and dispositions | 27.6 | 54.4 | 233.1 |

1/ July-December based on current operating reports, which may differ from more complete fiscal reports not available at this time. Annual taken from fiscal report.

2/ Sales for unrestricted use at the minimum price, which is the market price or not less than the formula prices at designated terminals, or outside of designated terminals, plus monthly markups.

3/ Sales for export at net export and gross export prices, respectively.

Agricultural Stabilization and Conservation Service.

Table 6.--Wheat: Cash prices for leading classes at major markets, 1971-72 1/

| Major Market and year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Average | Gross Terminal Loan 2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Dollars per bushel - - - - | | | | | | | | | | | | | |
| No. 1 HRW, Kansas City | | | | | | | | | | | | | | |
| Ordinary protein | | | | | | | | | | | | | | |
| 1971/72 | 1.54 | 1.54 | 1.53 | 1.56 | 1.56 | 1.58 | 1.58 | 1.57 | 1.58 | 1.61 | 1.62 | 1.52 | 1.57 | 1.49 |
| 1972/73 | 1.58 | 1.82 | 2.10 | 2.15 | 2.25 | 2.62 | | | | | | | | 1.50 |
| 13% protein | | | | | | | | | | | | | | |
| 1971/72 | 1.59 | 1.59 | 1.58 | 1.62 | 1.63 | 1.65 | 1.64 | 1.64 | 1.67 | 1.69 | 1.69 | 1.61 | 1.63 | 1.535 |
| 1972/73 | 1.68 | 1.90 | 2.15 | 2.21 | 2.30 | 2.65 | | | | | | | | 1.545 |
| No. 2 SRW, Chicago | | | | | | | | | | | | | | |
| 1971/72 | 1.54 | 1.45 | 1.45 | 1.53 | 1.60 | 1.71 | 1.69 | 1.61 | 1.62 | 1.66 | 1.63 | 1.46 | 1.58 | 1.45 |
| 1972/73 | 1.53 | 1.76 | 2.02 | 2.11 | 2.28 | 2.60 | | | | | | | | 1.46 |
| No. 2 SRW, St. Louis | | | | | | | | | | | | | | |
| 1971/72 | 1.44 | 1.34 | 1.33 | 1.41 | 1.49 | 1.57 | 1.57 | 1.52 | 1.57 | 1.65 | 1.64 | 1.37 | 1.49 | 1.45 |
| 1972/73 | 1.46 | 1.63 | 1.92 | 2.09 | 2.23 | 2.59 | | | | | | | | 1.46 |
| No. 2 SRW, Toledo | | | | | | | | | | | | | | |
| 1971/72 | 1.46 | 1.35 | 1.35 | 1.45 | 1.52 | 1.57 | 1.59 | 1.52 | 1.55 | 1.60 | 1.68 | 1.51 | 1.51 | 1.44 |
| 1972/73 | 1.43 | 1.62 | 1.92 | 2.07 | 2.30 | 2.64 | | | | | | | | 1.45 |
| No. 2 SW, Toledo | | | | | | | | | | | | | | |
| 1971/72 | 1.49 | 1.44 | 1.46 | 1.53 | 1.58 | 1.61 | 1.61 | 1.54 | 1.57 | 1.63 | 1.68 | 1.51 | 1.55 | 1.44 |
| 1972/73 | 1.49 | 1.72 | 1.97 | 2.07 | 2.30 | 2.64 | | | | | | | | 1.45 |
| No. 1 SW, Portland | | | | | | | | | | | | | | |
| 1971/72 | 1.60 | 1.55 | 1.54 | 1.56 | 1.55 | 1.56 | 1.57 | 1.57 | 1.60 | 1.70 | 1.74 | 1.67 | 1.60 | 1.47 |
| 1972/73 | 1.60 | 1.82 | 2.12 | 2.41 | 2.53 | 2.78 | | | | | | | | 1.48 |
| No. 1 Dk. NS, Minneapolis | | | | | | | | | | | | | | |
| Ordinary protein | | | | | | | | | | | | | | |
| 1971/72 | 1.57 | 1.50 | 1.50 | 1.51 | 1.55 | 1.57 | 1.56 | 1.54 | 1.54 | 1.52 | 1.53 | 1.50 | 1.53 | 1.62 |
| 1972/73 | 1.57 | 1.72 | 1.92 | 2.02 | 2.08 | 2.32 | | | | | | | | 1.63 |
| 15% protein | | | | | | | | | | | | | | |
| 1971/72 | 1.73 | 1.66 | 1.72 | 1.77 | 1.72 | 1.72 | 1.74 | 1.69 | 1.70 | 1.73 | 1.76 | 1.70 | 1.72 | 1.725 |
| 1972/73 | 1.74 | 1.96 | 2.09 | 2.14 | 2.22 | 2.42 | | | | | | | | 1.735 |
| Hard amber durum, Mpls. | | | | | | | | | | | | | | |
| 1971/72 | 1.70 | 1.64 | 1.65 | 1.68 | 1.67 | 1.70 | 1.72 | 1.70 | 1.71 | 1.72 | 1.73 | 1.73 | 1.70 | 1.67 |
| 1972/73 | 1.76 | 1.89 | 2.05 | 2.14 | 2.16 | 2.39 | | | | | | | | 1.68 |

1/ On-track prices established at the close of the market. Prices do not include 75 cents per bushel payment required of processors of wheat for domestic human consumption. 2/ Nominal loan values indicated by adjusting loan rates of tributary counties for Uniform Grain Storage Agreement charges and approximate transportation costs.

Table 7.--Wheat: Farm price, loan rate per bushel and price for equivalent quantity of major feed grain in region, 1971-73 1/

| Item | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Average | Support rate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Price for 60 pounds (bushel weight of wheat) - - - - | | | | | | | | | | | | | |
| Central and Southern Plains (Hard winter) 2/ | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.31 | 1.29 | 1.28 | 1.30 | 1.30 | 1.33 | 1.32 | 1.32 | 1.32 | 1.35 | 1.35 | 1.28 | 1.31 | 1.23 |
| Sorghum grain 1971/72 | 1.40 | 1.31 | 1.14 | 1.03 | 1.04 | 1.09 | 1.11 | 1.12 | 1.11 | 1.12 | 1.12 | 1.12 | 1.14 | 1.00 |
| Wheat 1972/73 | 1.32 | 1.52 | 1.77 | 1.90 | 1.92 | 2.34 | 2.40 | | | | | | | 1.23 |
| Sorghum grain 1972/73 | 1.15 | 1.17 | 1.21 | 1.24 | 1.31 | 1.61 | 1.61 | | | | | | | 1.03 |
| Cornbelt (Soft red winter) 3/ | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.38 | 1.28 | 1.26 | 1.29 | 1.35 | 1.43 | 1.44 | 1.39 | 1.41 | 1.44 | 1.44 | 1.33 | 1.37 | 1.24 |
| Corn 1971/72 | 1.52 | 1.31 | 1.11 | 1.03 | 1.02 | 1.16 | 1.16 | 1.17 | 1.19 | 1.21 | 1.23 | 1.22 | 1.19 | 1.17 |
| Wheat 1972/73 | 1.32 | 1.49 | 1.73 | 1.86 | 1.97 | 2.42 | 2.47 | | | | | | | 1.24 |
| Corn 1972/73 | 1.24 | 1.24 | 1.31 | 1.26 | 1.29 | 1.56 | 1.50 | | | | | | | 1.17 |
| East and South (Soft red winter) 4/ | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.46 | 1.40 | 1.40 | 1.39 | 1.42 | 1.44 | 1.45 | 1.45 | 1.43 | 1.42 | 1.36 | 1.30 | 1.41 | 1.31 |
| Corn 1971/72 | 1.71 | 1.53 | 1.36 | 1.24 | 1.23 | 1.31 | 1.37 | 1.39 | 1.40 | 1.41 | 1.40 | 1.40 | 1.40 | 1.28 |
| Wheat 1972/73 | 1.32 | 1.40 | 1.51 | 1.62 | 1.74 | 2.00 | 2.12 | | | | | | | 1.31 |
| Corn 1972/73 | 1.42 | 1.43 | 1.46 | 1.46 | 1.48 | 1.67 | 1.75 | | | | | | | 1.28 |
| Northern Plains (Spring and durum) 5/ | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.37 | 1.28 | 1.29 | 1.32 | 1.34 | 1.36 | 1.38 | 1.37 | 1.37 | 1.37 | 1.38 | 1.36 | 1.35 | 1.29 |
| Barley 1971/72 | 1.08 | .92 | .96 | 1.01 | 1.04 | 1.04 | 1.06 | 1.08 | 1.06 | 1.05 | 1.06 | 1.08 | 1.04 | .95 |
| Wheat 1972/73 | 1.36 | 1.50 | 1.69 | 1.80 | 1.84 | 2.12 | 2.15 | | | | | | | 1.31 |
| Barley 1972/73 | 1.06 | 1.01 | 1.08 | 1.16 | 1.20 | 1.31 | 1.42 | | | | | | | 1.01 |
| Pacific Northwest (White) 6/ | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.41 | 1.33 | 1.32 | 1.36 | 1.38 | 1.37 | 1.38 | 1.37 | 1.40 | 1.46 | 1.50 | 1.44 | 1.39 | 1.25 |
| Barley 1971/72 | 1.38 | 1.18 | 1.19 | 1.22 | 1.30 | 1.35 | 1.35 | 1.39 | 1.41 | 1.36 | 1.39 | 1.36 | 1.32 | 1.09 |
| Wheat 1972/73 | 1.42 | 1.54 | 1.81 | 2.08 | 2.27 | 2.58 | 2.57 | | | | | | | 1.25 |
| Barley 1972/73 | 1.36 | 1.45 | 1.54 | 1.65 | 1.74 | 1.85 | 2.04 | | | | | | | 1.15 |
| U.S. Average | | | | | | | | | | | | | | |
| Wheat 1971/72 | 1.34 | 1.28 | 1.26 | 1.30 | 1.31 | 1.34 | 1.33 | 1.34 | 1.34 | 1.36 | 1.38 | 1.33 | 7/1.31 | 1.25 |
| Wheat 1972/73 | 1.32 | 1.51 | 1.73 | 1.89 | 1.97 | 2.38 | 2.38 | | | | | | | 1.25 |

1/ Simple averages with no adjustment made for relative feed value. Relative feeding value: Corn 1.00; wheat 1.05; barley .90; sorghum grain .95; reported in Consumption of Feed by Livestock, Production Research Report No. 79, ERS, USDA. 2/ Kansas, Nebraska, Texas, Oklahoma, and Colorado. 3/ Ohio, Indiana, Illinois, and Missouri. 4/ Pennsylvania, Maryland, Virginia, North Carolina, South Carolina, Georgia, Mississippi, Alabama, Louisiana, and Arkansas. 5/ North Dakota, South Dakota, and Minnesota. 6/ Washington, Oregon, and Idaho. 7/ Season average price including allowance for unredeemed loans and purchases by CCC.

Table 8.--Wheat: Monthly average gross export prices and net costs to buyer at selected ports, 1971-72

| Year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Cents per bushel - - - - | | | | | | | | | | | | |
| | GULF PORTS: NO. 2 HARD RED WINTER, ORDINARY PROTEIN | | | | | | | | | | | | |
| 1971/72 | | | | | | | | | | | | | |
| Export price | 170 | 172 | 170 | 172 | 172 | 175 | 175 | 174 | 176 | 180 | 175 | 167 | 173 |
| Payment rate | 2 | 5 | 4 | 8 | 8 | 11 | 11 | 10 | 12 | 15 | 12 | 4 | 9 |
| Net cost to buyer | 168 | 167 | 166 | 164 | 164 | 164 | 164 | 164 | 164 | 165 | 163 | 163 | 164 |
| 1972/73 | | | | | | | | | | | | | |
| Export price | 176 | 205 | 232 | 238 | 246 | 283 | | | | | | | |
| Payment rate | 12 | 33 | 18 | --- | --- | --- | | | | | | | |
| Net cost to buyer | 164 | 172 | 214 | 238 | 246 | 283 | | | | | | | |
| | BALTIMORE: NO. 2 SOFT RED WINTER | | | | | | | | | | | | |
| 1971/72 | | | | | | | | | | | | | |
| Export price | 163 | 154 | 156 | 164 | 175 | 180 | 178 | 174 | 176 | 180 | 175 | 153 | 169 |
| Payment rate | --- | --- | --- | 2 | 8 | 11 | 11 | 9 | 12 | 15 | 12 | --- | 7 |
| Net cost to buyer | 163 | 154 | 156 | 162 | 167 | 169 | 167 | 165 | 164 | 165 | 163 | 153 | 162 |
| 1972/73 | | | | | | | | | | | | | |
| Export price | 161 | 183 | 209 | 224 | 243 | 274 | | | | | | | |
| Payment rate | 2 | 18 | 9 | --- | --- | --- | | | | | | | |
| Net cost to buyer | 159 | 165 | 200 | 224 | 243 | 274 | | | | | | | |
| | PORTLAND: NO. 2 WESTERN WHITE | | | | | | | | | | | | |
| 1971/72 | | | | | | | | | | | | | |
| Export price | 163 | 161 | 160 | 162 | 159 | 158 | 161 | 160 | 162 | 173 | 177 | 171 | 164 |
| Payment rate | 4 | 1 | 1 | 4 | 2 | 1 | 3 | 2 | 3 | 11 | 15 | 9 | 5 |
| Net cost to buyer | 159 | 160 | 159 | 158 | 157 | 157 | 158 | 158 | 159 | 162 | 162 | 162 | 159 |
| 1972/73 | | | | | | | | | | | | | |
| Export price | 164 | 187 | 221 | 237 | 263 | 287 | | | | | | | |
| Payment rate | 3 | 16 | 14 | --- | --- | --- | | | | | | | |
| Net cost to buyer | 161 | 171 | 207 | 237 | 263 | 287 | | | | | | | |
| | DULUTH: NO. 1 NORTHERN SPRING, 14% PROTEIN | | | | | | | | | | | | |
| 1971/72 | | | | | | | | | | | | | |
| Export price | 173 | 164 | 164 | 170 | 168 | 169 | 167 | 164 | 164 | 165 | 166 | 162 | 166 |
| Payment rate | --- | --- | 3 | 10 | 5 | 6 | 6 | 2 | 3 | 2 | --- | 7 | 3 |
| Net cost to buyer | 173 | 164 | 161 | 160 | 163 | 163 | 161 | 162 | 161 | 163 | 166 | 155 | 163 |
| 1972/73 | | | | | | | | | | | | | |
| Export price | 170 | 188 | 205 | 213 | 219 | 244 | | | | | | | |
| Payment rate | 5 | 25 | 13 | --- | --- | --- | | | | | | | |
| Net cost to buyer | 165 | 163 | 192 | 213 | 219 | 244 | | | | | | | |

Table 9.--Wheat and flour: Price relationships at milling centers annual 1970-71 and by quarters, 1970-72

| Year and month | At Kansas City | | | | | At Minneapolis | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cost of wheat to produce 100 lb. of flour 1/ | Wholesale price of- | | | | Cost of wheat to produce 100 lb. of flour 1/ | Wholesale price of- | | | |
| | | Bakery flour per 100 lb. 2/ | Byproducts obtained 100 lb. flour 3/ | Total products | | | Bakery flour per 100 lb. 2/ | Byproducts obtained 100 lb. flour 3/ | Total products | |
| | | | | Actual | Over cost of wheat | | | | Actual | Over cost of wheat |
| | - - - - Dollars - - - - | | | | | | | | | |
| 1970/71 | 5.58 | 5.58 | .86 | 6.44 | .86 | 5.92 | 6.27 | .85 | 7.12 | 1.20 |
| 1971/72 | 5.43 | 5.34 | .74 | 6.08 | .65 | 5.48 | 5.99 | .71 | 6.70 | 1.22 |
| 1972/73 | | | | | | | | | | |
| 1970/71 | | | | | | | | | | |
| July-Sept. | 5.46 | 5.59 | .83 | 6.42 | .96 | 5.97 | 6.18 | .81 | 6.99 | 1.02 |
| Oct.-Dec. | 5.64 | 5.65 | .91 | 6.56 | .92 | 6.09 | 6.39 | .89 | 7.28 | 1.19 |
| Jan.-Mar. | 5.63 | 5.57 | .90 | 6.47 | .84 | 5.86 | 6.30 | .89 | 7.19 | 1.33 |
| Apr.-June | 5.58 | 5.53 | .80 | 6.33 | .75 | 5.75 | 6.22 | .79 | 7.01 | 1.26 |
| 1971/72 | | | | | | | | | | |
| July-Sept. | 5.33 | 5.35 | .70 | 6.05 | .72 | 5.47 | 6.05 | .66 | 6.71 | 1.24 |
| Oct.-Dec. | 5.44 | 5.34 | .80 | 6.14 | .70 | 5.51 | 6.01 | .75 | 6.76 | 1.25 |
| Jan.-Mar. | 5.47 | 5.33 | .78 | 6.11 | .64 | 5.48 | 5.97 | .76 | 6.73 | 1.25 |
| Apr.-June | 5.50 | 5.34 | .69 | 6.03 | .53 | 5.48 | 5.93 | .69 | 6.62 | 1.14 |
| 1972/73 | | | | | | | | | | |
| July-Sept. | 6.06 | 5.99 | .81 | 6.80 | .74 | 5.97 | 6.48 | .76 | 7.24 | 1.27 |
| Oct.-Dec. 4/ | 7.15 | 6.80 | 1.19 | 7.99 | .84 | 6.82 | 7.14 | 1.13 | 8.27 | 1.45 |
| Jan.-Mar. | | | | | | | | | | |
| Apr.-June | | | | | | | | | | |

1/ Based on 73 percent extraction rate, cost of 2.28 bushels: At Kansas City, No. 1 Hard Winter, 13 percent protein, and at Minneapolis, No. 1 Dark Northern Spring, simple average of 13 percent and 15 percent protein. Includes domestic certificate. 2/ Quoted as 95 percent patent at Kansas City and standard patent at Minneapolis, bulk basis. 3/ Assumed 50-50 millfeed distribution between bran and shorts or middlings, bulk basis. 4/ Preliminary.

Compiled from reports of Agricultural Marketing Service and Bureau of Labor Statistics, Department of Labor.

Table 10.--Cereal and bakery products: Retail price index, 1960-72

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (Index 1967 = 100) | | | | | | | | | | | | |
| 1960 | 85.8 | 86.1 | 86.2 | 86.4 | 86.3 | 86.6 | 87.5 | 87.6 | 87.7 | 88.1 | 88.2 | 88.4 | 87.1 |
| 1961 | 88.5 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.7 | 88.9 | 88.9 | 89.2 | 89.7 | 89.7 | 88.9 |
| 1962 | 90.0 | 90.4 | 90.5 | 90.5 | 90.7 | 90.6 | 91.1 | 91.0 | 91.1 | 91.1 | 91.5 | 91.3 | 90.8 |
| 1963 | 91.7 | 92.2 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.1 | 92.1 | 92.1 | 92.1 | 92.0 | 92.1 |
| 1964 | 92.1 | 92.0 | 91.8 | 91.8 | 91.9 | 92.2 | 92.2 | 92.5 | 92.7 | 93.2 | 93.4 | 93.7 | 92.5 |
| 1965 | 93.8 | 93.4 | 93.6 | 93.7 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 94.0 | 94.7 | 93.8 |
| 1966 | 95.4 | 95.5 | 95.9 | 96.3 | 96.5 | 96.8 | 96.9 | 99.0 | 99.9 | 99.8 | 100.1 | 100.3 | 97.7 |
| 1967 | 100.3 | 100.0 | 100.1 | 100.0 | 100.3 | 99.8 | 99.7 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 100.0 |
| 1968 | 99.8 | 99.7 | 99.7 | 99.8 | 99.9 | 100.1 | 100.6 | 100.9 | 101.1 | 101.1 | 101.4 | 101.4 | 100.4 |
| 1969 | 101.7 | 101.9 | 102.3 | 102.4 | 102.6 | 103.0 | 103.5 | 103.5 | 103.8 | 104.4 | 104.7 | 105.4 | 103.3 |
| 1970 | 105.9 | 106.6 | 107.2 | 107.7 | 108.0 | 108.2 | 108.7 | 109.8 | 110.2 | 111.0 | 111.2 | 111.6 | 108.9 |
| 1971 | 112.4 | 112.8 | 113.0 | 113.9 | 114.1 | 114.2 | 114.8 | 114.5 | 114.6 | 114.3 | 114.1 | 113.8 | 113.9 |
| 1972 | 113.7 | 114.3 | 114.8 | 115.0 | 114.7 | 114.5 | 114.4 | 114.4 | 114.6 | 114.6 | 115.0 | 115.8 | 114.7 |

Bureau of Labor Statistics, U.S. Department of Labor.

Table 11.--White pan bread: Estimated retail and wholesale price of a 1-pound loaf; retailer's, wholesaler's, miller's and other spreads; farm value of ingredients; flour and wheat prices and related data, by quarters, for October-December and annual averages, 1972

| Item | Unit | I | II | III | Oct. | Nov. | Dec. | IV | 1972 |
|---|---|---|---|---|---|---|---|---|---|
| Retail price 1/ | Cents per loaf | 24.5 | 24.7 | 24.7 | 24.5 | 24.7 | 25.0 | 24.7 | 24.7 |
| Retail spread 2/ | " | 4.6 | 4.7 | 4.5 | 4.3 | 4.4 | 4.7 | 4.4 | 4.6 |
| Wholesale price 3/ | " | 19.9 | 20.0 | 20.2 | 20.2 | 20.3 | 20.3 | 20.3 | 20.1 |
| Baker-wholesale spread 4/ | " | 14.0 | 14.0 | 13.9 | 13.4 | 13.5 | 13.1 | 13.4 | 13.8 |
| Cost to baker: | | | | | | | | | |
| All ingredients 5/ | " | 5.9 | 6.0 | 6.3 | 6.8 | 6.8 | 7.2 | 6.9 | 6.3 |
| Flour 6/ | " | 3.8 | 3.9 | 4.2 | 4.5 | 4.5 | 4.9 | 4.6 | 4.1 |
| Mill sales value of flour 6/ | " | 3.5 | 3.5 | 3.8 | 4.2 | 4.2 | 4.7 | 4.4 | 3.8 |
| Miller's flour spread 7/ | " | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.9 | 0.8 | 0.6 |
| Cost of wheat to miller 8/ | " | 2.9 | 2.9 | 3.1 | 3.5 | 3.5 | 3.8 | 3.6 | 3.2 |
| Other spreads 9/ | " | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.7 | 1.8 | 1.9 |
| Farm value: | | | | | | | | | |
| All ingredients 10/ | " | 3.5 | 3.6 | 3.8 | 4.2 | 4.2 | 4.6 | 4.3 | 3.8 |
| Wheat 11/ | " | 2.6 | 2.6 | 2.8 | 3.2 | 3.2 | 3.7 | 3.4 | 2.8 |
| Flour prices: 12/ | | | | | | | | | |
| F.o.b. mill | Dol. per cwt. | 5.53 | 5.57 | 6.07 | 6.62 | 6.68 | 7.44 | 6.91 | 6.02 |
| Delivered to bakers | " | 6.03 | 6.06 | 6.57 | 7.19 | 7.10 | 7.81 | 7.37 | 6.51 |
| Flour sales: 12/ | | | | | | | | | |
| Sold in bags | Percent | 16 | 21 | 13 | 18 | 23 | 12 | 18 | 17 |
| Price differential for bags | Cents per cwt. | 15 | 15 | 17 | 17 | 17 | 18 | 17 | 16 |
| Wheat prices: | | | | | | | | | |
| Farm delivery point 13/ | Dol. per bu. | 1.32 | 1.33 | 1.51 | 1.85 | 1.90 | 2.33 | 2.03 | 1.55 |
| Delivered to millers 14/ | " | 2.33 | 2.35 | 2.50 | 2.80 | 2.87 | 3.15 | 2.94 | 2.53 |

1/ Based on prices reported by Bureau of Labor Statistics. 2/ Spread between retail and wholesale prices. 3/ Estimated from BLS prices and trade data. 4/ Spread between wholesale price and cost to baker of all ingredients. 5/ Cost of flour plus shortening, nonfat dry milk, sugar and other minor nonfarm produced ingredients. 6/ Cost or sales value of flour (0.6329 lb.) used per pound of bread. 7/ Spread between mill sales value of flour and cost of wheat to miller. The data sources used to compute this spread have been improved by using prices of bread-type shown below. Thus, figures for the miller's spread are not comparable with previously published data. 8/ Cost of wheat (.01445 bu.) including marketing certificate, net of imputed cost chargeable to millfeed byproducts. 9/ Charges for transporting, handling, storing all ingredients, for processing ingredients other than flour and cost of nonfarm produced ingredients such as yeast, salt, and malt extract. This spread is a residual figure. 10/ Returns to farmers for wheat including an allowance for the marketing certificate, shortening, nonfat dry milk, and sugar used in a 1-pound loaf. 11/ Returns to farmers for wheat, including the certificate, less imputed value of millfeed byproducts. 12/ Based on monthly sales and prices of bread-type flour reported by a sample of flour milling firms. 13/ Weighted average for hard winter and spring wheat in the 10 major wheat producing States. 14/ Includes allowance for marketing certificate.

Marketing Economics Division, ERS.

Table 12.--Wheat, 1972 crop: CCC loan activity by classes, cumulative, July-Dec. 1972 1/

| Classes and State | July | | August | | September | | October | | November | | December | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Loans made | Outstanding | Loans made | Outstanding | Loans made | Outstanding | Loans made | Outstanding | Loans made | Outstanding | Loans made | Outstanding |
| | - - - - 1,000 bushels - - - - | | | | | | | | | | | |
| **Hard Red Spring** | | | | | | | | | | | | |
| Arizona | 49 | 49 | 49 | 49 | 56 | 56 | 56 | 53 | 56 | 53 | 56 | 53 |
| Idaho | --- | --- | 39 | 39 | 143 | 143 | 348 | 348 | 390 | 341 | 399 | 331 |
| Minnesota | --- | --- | 644 | 644 | 5,595 | 5,590 | 7,975 | 7,873 | 8,713 | 8,380 | 9,331 | 8,134 |
| Montana | --- | --- | 48 | 48 | 717 | 717 | 1,864 | 1,857 | 2,903 | 2,853 | 3,443 | 3,258 |
| North Dakota | --- | --- | 206 | 206 | 7,077 | 7,053 | 15,447 | 15,272 | 18,370 | 17,425 | 19,476 | 16,731 |
| Oregon | --- | --- | 7 | 7 | 89 | 76 | 112 | 95 | 115 | 82 | 165 | 130 |
| South Dakota | --- | --- | 956 | 956 | 2,697 | 2,672 | 3,837 | 3,712 | 4,014 | 3,730 | 4,127 | 3,497 |
| Washington | --- | --- | 6 | 6 | 34 | 34 | 45 | 45 | 107 | 105 | 107 | 58 |
| Other | 20 | 20 | 64 | 64 | 77 | 70 | 95 | 72 | 111 | 65 | 113 | 60 |
| Total | 69 | 69 | 2,019 | 2,019 | 16,485 | 16,411 | 29,779 | 29,327 | 34,779 | 33,034 | 37,217 | 32,252 |
| **Durum** | | | | | | | | | | | | |
| Minnesota | --- | --- | --- | --- | 7 | 7 | 10 | 8 | 12 | 10 | 12 | 11 |
| Montana | --- | --- | --- | --- | 4 | 4 | 120 | 121 | 179 | 167 | 185 | 170 |
| North Dakota | --- | --- | 14 | 14 | 1,007 | 1,006 | 3,176 | 3,143 | 4,280 | 4,086 | 4,674 | 4,231 |
| South Dakota | --- | --- | 20 | 20 | 103 | 103 | 169 | 161 | 175 | 142 | 175 | 137 |
| Other | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | --- | 4 | --- |
| Total | 4 | 4 | 38 | 38 | 1,125 | 1,124 | 3,478 | 3,436 | 4,649 | 4,405 | 5,050 | 4,549 |
| **Hard Red Winter** | | | | | | | | | | | | |
| Colorado | 1,012 | 1,003 | 2,797 | 2,487 | 3,038 | 2,440 | 3,235 | 2,355 | 3,387 | 2,332 | 3,411 | 2,076 |
| Idaho | --- | --- | 169 | 169 | 534 | 528 | 714 | 651 | 762 | 662 | 815 | 625 |
| Kansas | 32,549 | 31,015 | 38,515 | 21,277 | 39,103 | 14,387 | 39,509 | 12,313 | 39,842 | 11,081 | 39,990 | 8,887 |
| Missouri | 151 | 151 | 169 | 158 | 172 | 97 | 176 | 80 | 176 | 72 | 176 | 53 |
| Montana | --- | --- | 523 | 523 | 1,785 | 1,697 | 2,273 | 2,067 | 2,611 | 2,287 | 2,739 | 2,152 |
| Nebraska | 2,404 | 2,395 | 4,623 | 3,820 | 5,154 | 3,656 | 5,408 | 3,557 | 5,464 | 3,439 | 5,525 | 3,177 |
| New Mexico | 375 | 370 | 414 | 395 | 414 | 234 | 429 | 211 | 429 | 195 | 429 | 149 |
| North Dakota | --- | --- | 20 | 20 | 109 | 105 | 115 | 99 | 127 | 109 | 133 | 106 |
| Oklahoma | 9,988 | 9,529 | 10,568 | 6,185 | 10,695 | 4,379 | 10,744 | 3,705 | 10,802 | 3,334 | 10,818 | 2,680 |
| Oregon | 5 | 5 | 138 | 138 | 195 | 191 | 269 | 220 | 333 | 254 | 353 | 241 |
| South Dakota | 107 | 107 | 2,294 | 2,264 | 3,478 | 3,312 | 3,980 | 3,532 | 4,100 | 3,476 | 4,282 | 3,290 |
| Texas | 2,128 | 2,063 | 2,378 | 1,478 | 2,411 | 890 | 2,423 | 671 | 2,428 | 624 | 2,428 | 507 |
| Utah | 18 | 18 | 188 | 188 | 290 | 284 | 366 | 344 | 377 | 330 | 391 | 311 |
| Washington | 14 | 14 | 402 | 402 | 665 | 600 | 1,078 | 982 | 1,159 | 984 | 1,231 | 846 |
| Other | 81 | 80 | 276 | 273 | 452 | 410 | 520 | 456 | 554 | 450 | 561 | 361 |
| Total | 48,832 | 46,750 | 63,474 | 39,777 | 68,495 | 33,210 | 71,239 | 31,243 | 72,551 | 29,629 | 73,282 | 25,461 |
| **Soft Red Winter** | | | | | | | | | | | | |
| Georgia | 59 | 58 | 59 | 41 | 59 | 39 | 59 | 31 | 59 | 23 | 59 | 22 |
| Illinois | 1,542 | 1,540 | 1,779 | 1,491 | 1,807 | 1,122 | 1,823 | 922 | 1,829 | 782 | 1,829 | 677 |
| Indiana | 111 | 111 | 270 | 248 | 310 | 183 | 313 | 138 | 323 | 115 | 324 | 101 |
| Michigan | 19 | 19 | 124 | 124 | 153 | 138 | 156 | 114 | 157 | 82 | 157 | 75 |
| Missouri | 859 | 850 | 954 | 710 | 977 | 406 | 982 | 295 | 982 | 238 | 982 | 207 |
| North Carolina | 66 | 66 | 82 | 75 | 88 | 70 | 88 | 46 | 88 | 39 | 88 | 32 |
| Ohio | 162 | 162 | 860 | 831 | 993 | 762 | 1,058 | 569 | 1,080 | 468 | 1,088 | 406 |
| South Carolina | 105 | 104 | 105 | 91 | 108 | 84 | 108 | 68 | 108 | 62 | 108 | 58 |
| Virginia | 74 | 74 | 124 | 113 | 136 | 123 | 139 | 110 | 140 | 86 | 140 | 72 |
| Other | 515 | 515 | 618 | 493 | 651 | 335 | 669 | 278 | 701 | 263 | 701 | 215 |
| Total | 3,512 | 3,499 | 4,975 | 4,217 | 5,282 | 3,262 | 5,395 | 2,571 | 5,467 | 2,158 | 5,476 | 1,865 |
| **White** | | | | | | | | | | | | |
| Idaho | 5 | 5 | 301 | 301 | 1,025 | 1,004 | 1,590 | 1,504 | 1,823 | 1,631 | 1,994 | 1,592 |
| Michigan | 21 | 21 | 100 | 97 | 123 | 112 | 125 | 78 | 126 | 63 | 128 | 49 |
| Montana | --- | --- | 1 | 1 | 41 | 41 | 41 | 41 | 41 | 40 | 41 | 34 |
| New York | --- | --- | 109 | 109 | 226 | 224 | 245 | 240 | 250 | 225 | 267 | 198 |
| Oregon | 56 | 56 | 1,434 | 1,410 | 2,569 | 2,344 | 3,058 | 2,583 | 3,369 | 2,700 | 3,496 | 2,537 |
| Washington | --- | --- | 2,075 | 2,032 | 4,213 | 3,889 | 5,581 | 4,791 | 6,299 | 5,045 | 6,760 | 4,786 |
| Other | 36 | 36 | 64 | 62 | 86 | 84 | 105 | 101 | 132 | 125 | 161 | 121 |
| Total | 118 | 118 | 4,084 | 4,012 | 8,283 | 7,698 | 10,745 | 9,338 | 12,040 | 9,829 | 12,847 | 9,317 |
| **Mixed** | | | | | | | | | | | | |
| North Dakota | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Oregon | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Washington | --- | --- | --- | --- | --- | --- | 8 | 8 | 8 | 8 | 8 | 8 |
| Other | 11 | 11 | 26 | 15 | 43 | 30 | 43 | 27 | 43 | 16 | 43 | 16 |
| Total | 11 | 11 | 26 | 15 | 43 | 30 | 51 | 35 | 51 | 24 | 51 | 24 |
| **Other** | | | | | | | | | | | | |
| Colorado | 654 | 654 | 124 | 98 | 76 | 39 | 6 | 1 | 5 | 3 | --- | -6 |
| Idaho | --- | --- | 99 | 88 | 203 | 198 | 64 | 57 | 15 | 14 | 56 | 55 |
| Kansas | 4,224 | 4,158 | 697 | 448 | 534 | 201 | 74 | -200 | 138 | -75 | 212 | -137 |
| Minnesota | --- | --- | 97 | 97 | 205 | 205 | 108 | 108 | 14 | 8 | 35 | 17 |
| Montana | 6 | 6 | 65 | 65 | 210 | 210 | 156 | 156 | 38 | 31 | 39 | 22 |
| Nebraska | 654 | 654 | 219 | 210 | 123 | 115 | 11 | 7 | 11 | 10 | 13 | 5 |
| North Dakota | --- | --- | 118 | 118 | 1,005 | 999 | 259 | 255 | 48 | 41 | 45 | -4 |
| Oklahoma | 386 | 368 | 150 | 120 | 75 | 25 | 38 | -12 | 16 | -13 | 26 | -33 |
| Oregon | 38 | 38 | 560 | 543 | 223 | 223 | 89 | 86 | 110 | 107 | 82 | 82 |
| South Dakota | 58 | 58 | 488 | 480 | 736 | 700 | 70 | 61 | 17 | -2 | 15 | -56 |
| Texas | 172 | 172 | 31 | 13 | 16 | -19 | 7 | -34 | 7 | -25 | 12 | -40 |
| Washington | 62 | 62 | 631 | 631 | 258 | 220 | 130 | -65 | 162 | 122 | 557 | 433 |
| Other | 637 | 637 | 403 | 304 | 290 | 131 | 177 | 146 | 156 | -8 | 151 | -12 |
| Total | 6,891 | 6,807 | 3,682 | 3,215 | 3,954 | 3,247 | 1,189 | 566 | 737 | 213 | 1,243 | 326 |
| U.S. Total | 59,437 | 57,258 | 78,298 | 53,293 | 103,667 | 64,982 | 121,876 | 76,516 | 130,274 | 79,292 | 135,166 | 73,794 |

1/ Changes in cumulative totals are due to discrepancies in reporting monthly data by classes, corrected data is shown the following month.
Agricultural Stabilization and Conservation Service.

Table 13.--Wheat: Price support activity, cumulative, by months 1968-1972 crops 1/

| Item | Unit | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968 | | | | | | | | | | | | | |
| Placed under loan 2/ | Mil. bu. | 127 | 199 | 259 | 318 | 342 | 357 | 398 | 410 | 423 | 438 | 443 | 444 |
| Redeemed by farmers | " | --- | --- | 1 | 7 | 20 | 30 | 42 | 55 | 70 | 85 | 99 | 111 |
| Net under loan | " | 127 | 199 | 258 | 311 | 322 | 327 | 356 | 355 | 353 | 353 | 344 | 333 |
| Price above or below loan ($1.25) | Dol. | -.06 | -.06 | -.03 | .01 | .04 | .01 | .02 | .03 | .03 | .03 | .03 | -.03 |
| 1969 | | | | | | | | | | | | | |
| Placed under loan 2/ | Mil. bu. | 124 | 221 | 297 | 336 | 347 | 353 | 384 | 391 | 397 | 403 | 406 | 407 |
| Redeemed by farmers | " | --- | --- | 3 | 19 | 34 | 62 | 97 | 116 | 131 | 151 | 167 | 175 |
| Net under loan | " | 124 | 221 | 294 | 317 | 313 | 291 | 287 | 275 | 266 | 252 | 239 | 232 |
| Price above or below loan ($1.25) | Dol. | .10 | -.06 | -.01 | .03 | .04 | .05 | .04 | .05 | .03 | .07 | .06 | -.02 |
| 1970 | | | | | | | | | | | | | |
| Placed under loan 2/ | Mil. bu. | 126 | 160 | 194 | 213 | 221 | 226 | 241 | 244 | 248 | 251 | 254 | 254 |
| Redeemed by farmers | " | --- | --- | 42 | 60 | 75 | 87 | 106 | 122 | 138 | 152 | 163 | 167 |
| Net under loan | " | 126 | 160 | 152 | 153 | 146 | 139 | 135 | 122 | 110 | 99 | 91 | 87 |
| Price above or below loan ($1.25) | Dol. | -.02 | .06 | .16 | .18 | .20 | .16 | .15 | .16 | .14 | .15 | .18 | .21 |
| 1971 | | | | | | | | | | | | | |
| Placed under loan 2/ | Mil. bu. | 77 | 134 | 252 | 318 | 343 | 359 | 409 | 420 | 427 | 434 | 437 | 438 |
| Redeemed by farmers | " | --- | --- | 6 | 14 | 27 | 44 | 71 | 91 | 135 | 182 | 207 | 227 |
| Net under loan | " | 77 | 134 | 246 | 304 | 316 | 315 | 338 | 329 | 292 | 252 | 230 | 211 |
| Price above or below loan ($1.25) | Dol. | .09 | .03 | .01 | .05 | .06 | .09 | .08 | .09 | .09 | .11 | .13 | .08 |
| 1972 | | | | | | | | | | | | | |
| Placed under loan 2/ | Mil. bu. | 59 | 78 | 104 | 122 | 130 | 135 | | | | | | |
| Redeemed by farmers | " | --- | --- | 39 | 45 | 51 | 61 | | | | | | |
| Net under loan | " | 59 | 78 | 65 | 77 | 79 | 74 | | | | | | |
| Price above or below loan ($1.25) | Dol. | .07 | .26 | .48 | .64 | .72 | 1.13 | | | | | | |

1/ Based on operating reports.
2/ Includes direct purchases.

Table 14--Wheat: CCC stocks by classes and States as of December 31, 1969-72 1/

| Classes and State | 1969 | 1970 | 1971 | 1972 |
|---|---|---|---|---|
| | - - - - Bushels - - - - | | | |
| Hard Red Spring | | | | |
| Iowa | 235,548 | 208,480 | 108,297 | 106,328 |
| Kansas | --- | 2,492,108 | 2,492,108 | 6,314,146 |
| Minnesota | 13,728,612 | 4,801,955 | 5,263,796 | 1,598,073 |
| Missouri | --- | 2,485,983 | 2,487,986 | 5,118,607 |
| Montana | 2,460,003 | 2,033,190 | 3,430,347 | 139,481 |
| New York | 2,639,792 | 6,715,024 | 7,620,549 | 7,246,855 |
| North Dakota | 15,547,351 | 9,203,217 | 8,797,235 | 3,909,377 |
| Oregon | 413,877 | 1,382,283 | 455,109 | 400,971 |
| South Dakota | 4,594,403 | 6,505,015 | 6,964,056 | 1,561,566 |
| Texas | --- | 4,924,444 | 4,924,445 | 9,401,073 |
| Washington | 2,240,946 | 5,433,828 | 5,526,031 | 2,608,311 |
| Wisconsin | 5,597,507 | 1,333,086 | 734,443 | 34,829 |
| Other | 267,537 | 386,797 | 995,175 | 2,276,844 |
| Total | 47,725,576 | 47,905,410 | 49,799,577 | 40,716,461 |
| Durum | | | | |
| Minnesota | 284,070 | 1,334,016 | 3,004,059 | 461,017 |
| Montana | 46,309 | 282,089 | 400,281 | 271,906 |
| North Dakota | 647,716 | 3,821,753 | 4,501,067 | 153,065 |
| South Dakota | 47,153 | 391,879 | 426,765 | 391,881 |
| Wisconsin | 100,116 | 879,629 | 1,438,127 | 10,452 |
| Other | 37,840 | 16,174 | 15,701 | 15,701 |
| Total | 1,163,204 | 6,725,540 | 9,786,000 | 1,304,022 |
| Hard Red Winter | | | | |
| Colorado | 808,874 | 6,107,485 | 7,787,714 | 5,729,371 |
| Illinois | 258,236 | 170,407 | 131,160 | 126,544 |
| Iowa | 690,503 | 683,755 | 2,013,081 | 935,097 |
| Kansas | 51,752,484 | 97,887,332 | 129,674,090 | 69,004,753 |
| Louisiana | --- | 30,133 | 291,877 | 2,865 |
| Maryland | --- | 102,510 | 14,129 | 14,129 |
| Minnesota | 2,041,319 | 796,770 | 1,075,353 | 38,262 |
| Missouri | 7,113,845 | 10,503,165 | 11,654,661 | 2,833,934 |
| Montana | 777,235 | 3,479,174 | 6,458,918 | 1,112,184 |
| Nebraska | 14,724,770 | 36,045,983 | 73,193,531 | 56,552,299 |
| New Mexico | 972,636 | 1,549,259 | 1,801,431 | 1,310,670 |
| North Dakota | 74,349 | 528,022 | 966,048 | 122,504 |
| Oklahoma | 20,317,374 | 24,126,937 | 26,678,432 | 10,441,654 |
| Oregon | 1,297,246 | 953,427 | 631,927 | 243,212 |
| South Dakota | 876,254 | 5,489,470 | 8,526,475 | 2,233,063 |
| Texas | 17,234,856 | 17,575,688 | 21,293,415 | 9,105,971 |
| Washington | 5,012,490 | 4,317,869 | 1,342,988 | 894,792 |
| Wisconsin | 350,091 | 84,747 | 210,839 | 12,223 |
| Wyoming | 42,922 | 516,201 | 1,193,049 | 1,215,492 |
| Other | 216,999 | 109,213 | 96,098 | 835,794 |
| Total | 124,562,483 | 211,057,547 | 295,035,216 | 162,764,813 |
| Soft Red Winter | | | | |
| Arkansas | 155,802 | 243,252 | 233,243 | 212,557 |
| California | --- | 78,582 | 19,127 | --- |
| Colorado | 1,850 | 56,964 | 60,539 | 2,674 |
| Illinois | 2,032,539 | 158,708 | 106,037 | 40,085 |
| Indiana | 494,333 | 248,908 | 260,365 | --- |
| Kansas | 93,138 | 22,621 | 63,098 | 50,802 |
| Louisiana | 286,026 | 7,744 | 824,889 | 7,744 |
| Maryland | 1,081,044 | --- | 1,050,248 | 248,047 |
| Mississippi | 48,879 | --- | --- | --- |
| Missouri | 2,529,193 | 1,339,754 | 1,379,109 | 1,195,908 |
| New York | 1,363,988 | 767,466 | 566,830 | 1,209,281 |
| North Carolina | 50,792 | 80,772 | 34,890 | 35,874 |
| Ohio | 2,317,703 | 1,070,628 | 912,347 | 23,088 |
| Pennsylvania | 557,042 | 96,114 | 640,226 | 16,235 |
| South Carolina | 133,245 | 9,351 | 9,351 | --- |
| Tennessee | 517,896 | 101,617 | 113,370 | 103,216 |
| Texas | 78,724 | 405,842 | 530,643 | 545,638 |
| Virginia | 43,623 | 755 | 150,400 | --- |
| Wisconsin | 101,008 | 121,420 | 60,972 | 59,650 |
| Other | 339,933 | 111,688 | 116,563 | 71,704 |
| Total | 12,226,758 | 4,922,186 | 7,132,247 | 3,822,503 |
| White | | | | |
| California | --- | 69,595 | --- | --- |
| Idaho | 162,412 | 92,105 | 73,128 | 29,787 |
| Iowa | 46,858 | 46,858 | 45,370 | 33,967 |
| Michigan | 562,748 | 324,322 | 156,314 | --- |
| Nebraska | 41,107 | 41,107 | 54,618 | 54,618 |
| New York | 2,618,707 | 1,143,004 | 344,037 | 313,795 |
| Ohio | 271,822 | --- | --- | --- |
| Oregon | 878,282 | 1,176,563 | 207,160 | 1,037 |
| Pennsylvania | 355,198 | --- | --- | --- |
| Washington | 2,226,668 | 1,301,751 | 1,028,259 | 10,193 |
| Other | 67,723 | 63,023 | 51,945 | 48,150 |
| Total | 7,231,525 | 4,258,328 | 1,960,831 | 491,547 |
| Mixed | | | | |
| Illinois | 10,347 | 6,099 | 2,079 | 2,079 |
| Kansas | 38,609 | 31,734 | 38,940 | 2/52,650 |
| Missouri | 2/134,295 | 2/117,792 | 2/145,088 | 2/116,447 |
| Montana | 7,145 | 19,388 | 26,401 | 17,036 |
| Oregon | 18,680 | 34,949 | --- | --- |
| Texas | 84,796 | 113,930 | 111,493 | 2/91,741 |
| Washington | 2,544 | 32,889 | 7,852 | 6,198 |
| Wisconsin | 15,512 | 15,966 | 4,329 | 6,087 |
| Other | 32,922 | 26,686 | 23,379 | 56,802 |
| Total | 344,850 | 399,433 | 359,561 | 349,040 |
| U.S. Total | 193,254,396 | 275,268,444 | 364,073,432 | 209,448,386 |

1/ Does not include bin sites and all other positions. 2/ Includes mixed grain, predominately wheat.
Agricultural Stabilization and Conservation Service, Inventory Management Division.

Table 15.--Wheat: Quantity remaining under reseal loan, 1968-71 crops, as of December 31, 1972

| Region and State | 1968 crop farm stored | 1969 crop farm stored | 1970 crop farm stored | 1970 crop warehouse | 1971 crop farm stored | 1971 crop warehouse | Total warehouse and farm stored |
|---|---|---|---|---|---|---|---|
| | - - - - 1,000 bushels - - - - | | | | | | |
| White (Western) | | | | | | | |
| California | 10 | 33 | 3 | --- | 30 | 4 | 80 |
| Idaho | 199 | 257 | 256 | 11 | 1,259 | 227 | 2,209 |
| Oregon | 90 | 141 | 211 | 54 | 769 | 348 | 1,613 |
| Washington | 51 | 79 | 132 | 1 | 990 | 812 | 2,065 |
| Total | 350 | 510 | 602 | 66 | 3,048 | 1,391 | 5,967 |
| Hard Spring and Durum | | | | | | | |
| Minnesota | 1,139 | 842 | 808 | 5 | 12,978 | 312 | 16,084 |
| Montana | 6,671 | 5,799 | 4,461 | 131 | 13,288 | 315 | 30,665 |
| South Dakota | 7,813 | 3,948 | 4,023 | 200 | 15,037 | 879 | 31,900 |
| North Dakota | 8,471 | 18,389 | 11,043 | 204 | 53,674 | 1,356 | 93,137 |
| Total | 24,094 | 28,978 | 20,335 | 540 | 94,977 | 2,862 | 171,786 |
| Hard Winter | | | | | | | |
| Colorado | 1,356 | 765 | 1,534 | 351 | 2,560 | 576 | 7,142 |
| Kansas | 1,798 | 2,683 | 2,548 | 2,156 | 4,263 | 5,107 | 18,555 |
| Nebraska | 4,893 | 3,535 | 4,455 | 1,478 | 6,405 | 2,487 | 23,253 |
| New Mexico | 5 | --- | 21 | 64 | 4 | 46 | 140 |
| Oklahoma | 52 | 33 | 68 | 550 | 86 | 476 | 1,265 |
| Texas | --- | --- | --- | 701 | 21 | 1,059 | 1,781 |
| Utah | 6 | 2 | 6 | 8 | 56 | 8 | 86 |
| Wyoming | 439 | 128 | 144 | --- | 296 | 16 | 1,023 |
| Total | 8,549 | 7,146 | 8,776 | 5,308 | 13,691 | 9,775 | 53,245 |
| Red Winter | | | | | | | |
| Illinois | --- | --- | 1 | --- | 2 | --- | 3 |
| Indiana | 6 | --- | --- | --- | 5 | 1 | 12 |
| Iowa | --- | --- | --- | 8 | 2 | 1 | 11 |
| Missouri | --- | --- | --- | 17 | --- | 3 | 20 |
| Ohio | 1 | 5 | 4 | 1 | 2 | 1 | 14 |
| Wisconsin | 1 | --- | 1 | --- | 5 | --- | 7 |
| Total | 8 | 5 | 6 | 26 | 16 | 6 | 67 |
| Other | | | | | | | |
| Michigan | 11 | --- | 6 | --- | 17 | 4 | 38 |
| New York | --- | --- | 6 | --- | 13 | --- | 19 |
| North Carolina | --- | --- | --- | --- | --- | 19 | 19 |
| Pennsylvania | --- | --- | --- | --- | 7 | 4 | 11 |
| Virginia | --- | --- | --- | --- | 4 | 2 | 6 |
| Total | 11 | --- | 12 | --- | 41 | 29 | 93 |
| U.S. Total 1/ | 33,012 | 36,639 | 29,731 | 5,940 | 111.773 | 14,063 | 231,163 |

1/ Totals may not add due to independent rounding.

Agricultural Stabilization and Conservation Service.

Table 16.--All wheat; winter, and spring: Acreage, yield and production, United States, 1964-73 1/

| Year of harvest | All wheat | | | | Winter wheat | | | |
|---|---|---|---|---|---|---|---|---|
| | Acreage | | Yield per harvested acre | Production | Acreage | | Yield per harvested acre | Production |
| | Planted | Harvested | | | Planted | Harvested | | |
| | 1,000 acres | | Bushels | 1,000 bushels | 1,000 acres | | Bushels | 1,000 bushels |
| 1964 | 55,672 | 49,762 | 25.8 | 1,283,371 | 43,632 | 38,075 | 26.8 | 1,020,987 |
| 1965 | 57,361 | 49,560 | 26.5 | 1,315,603 | 45,142 | 37,586 | 27.1 | 1,017,075 |
| 1966 | 54,105 | 49,613 | 26.3 | 1,304,889 | 42,746 | 38,616 | 27.4 | 1,057,371 |
| 1967 | 67,264 | 58,353 | 25.8 | 1,507,598 | 53,649 | 45,039 | 26.5 | 1,194,119 |
| 1968 | 61,860 | 54,765 | 28.4 | 1,556,635 | 48,667 | 41,929 | 29.0 | 1,217,555 |
| 1969 | 53,450 | 47,146 | 30.6 | 1,442,679 | 42,338 | 36,303 | 31.2 | 1,131,439 |
| 1970 | 48,739 | 43,564 | 31.0 | 1,351,558 | 37,623 | 32,702 | 33.4 | 1,091,744 |
| 1971 | 53,810 | 47,674 | 33.9 | 1,617,789 | 38,060 | 32,359 | 35.4 | 1,144,164 |
| 1972 2/ | 54,942 | 47,301 | 32.7 | 1,544,775 | 42,247 | 34,891 | 34.0 | 1,185,890 |
| 1973 3/ | 57,366 | | | | 42,793 | 37,701 | 33.9 | 1,277,848 |

| Year of harvest | All spring wheat | | | | Durum | | | | Spring other than durum | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Acreage | | Yield per harvested acre | Production | Acreage | | Yield per harvested acre | Production | Acreage | | Yield per harvested acre | Production |
| | Planted | Harvested | | | Planted | Harvested | | | Planted | Harvested | | |
| | 1,000 acres | | Bushels | 1,000 bushels | 1,000 acres | | Bushels | 1,000 bushels | 1,000 acres | | Bushels | 1,000 bushels |
| 1964 | 12,040 | 11,687 | 22.5 | 262,384 | 2,519 | 2,467 | 27.6 | 68,146 | 9,521 | 9,220 | 21.1 | 194,238 |
| 1965 | 12,219 | 11,974 | 24.9 | 298,528 | 2,361 | 2,296 | 30.4 | 69,866 | 9,858 | 9,678 | 23.6 | 228,662 |
| 1966 | 11,359 | 10,997 | 22.5 | 247,518 | 2,491 | 2,423 | 25.9 | 62,638 | 8,868 | 8,574 | 21.6 | 184,880 |
| 1967 | 13,615 | 13,314 | 23.5 | 313,479 | 2,826 | 2,754 | 24.1 | 66,443 | 10,789 | 10,560 | 23.4 | 247,036 |
| 1968 | 13,193 | 12,836 | 26.4 | 339,080 | 3,715 | 3,621 | 27.5 | 99,644 | 9,478 | 9,215 | 26.0 | 239,436 |
| 1969 | 11,112 | 10,843 | 28.7 | 311,240 | 3,466 | 3,420 | 31.7 | 108,403 | 7,646 | 7,423 | 27.3 | 202,837 |
| 1970 | 11,116 | 10,862 | 23.9 | 259,814 | 2,167 | 2,105 | 25.1 | 52,771 | 8,949 | 8,757 | 23.6 | 207,043 |
| 1971 | 15,750 | 15,315 | 30.9 | 473,625 | 2,943 | 2,864 | 32.1 | 91,805 | 12,807 | 12,451 | 30.7 | 381,820 |
| 1972 2/ | 12,695 | 12,410 | 28.9 | 358,885 | 2,597 | 2,555 | 28.6 | 73,037 | 10,098 | 9,855 | 29.0 | 285,848 |
| 1973 3/ | 14,573 | | | | 2,837 | | | | 11,736 | | | |

1/ Revised data, 1964-69, based on the 1969 Census of Agriculture.
2/ Preliminary.
3/ Indicated as of January 1.

Table 17.--Wheat: Stocks, United States, by quarters, 1964-73 1/

| Year | January 1 | | | | April 1 | | | |
|---|---|---|---|---|---|---|---|---|
| | On farms | Off farm mills, elevators and warehouses 2/ | Commodity Credit Corporation 3/ | Total all positions | On farms | Off farm mills, elevators and warehouses 2/ | Commodity Credit Corporation 3/ | Total all positions |
| | - - - - 1,000 bushels - - - - | | | | - - - - 1,000 bushels - - - - | | | |
| 1964 | 310,200 | 1,273,455 | 30,633 | 1,614,288 | 153,643 | 1,037,779 | 14,379 | 1,205,801 |
| 1965 | 389,672 | 1,048,487 | 11,134 | 1,449,293 | 263,450 | 871,180 | 10,577 | 1,145,207 |
| 1966 | 405,337 | 920,026 | 10,650 | 1,336,013 | 255,593 | 651,276 | 10,467 | 917,336 |
| 1967 | 406,879 | 636,651 | 3,926 | 1,047,456 | 237,852 | 459,831 | 1,539 | 699,222 |
| 1968 | 505,227 | 703,729 | 761 | 1,209,717 | 361,015 | 476,339 | 751 | 838,105 |
| 1969 | 576,932 | 763,660 | 758 | 1,341,350 | 460,476 | 648,221 | 759 | 1,109,456 |
| 1970 | 609,443 | 922,434 | 941 | 1,532,818 | 456,499 | 739,803 | 944 | 1,197,246 |
| 1971 | 526,092 | 881,946 | 1,932 | 1,409,970 | 381,098 | 677,407 | 1,930 | 1,060,435 |
| 1972 4/ | 694,191 | 851,077 | 2,023 | 1,547,291 | 525,478 | 682,983 | 1,978 | 1,210,439 |
| 1973 4/ | 507,332 | 883,895 | 1,827 | 1,393,054 | | | | |
| | July 1 | | | | October 1 | | | |
| 1964 | 75,670 | 812,997 | 12,719 | 901,386 | 503,656 | 1,293,069 | 12,586 | 1,809,311 |
| 1965 | 132,515 | 673,691 | 11,049 | 817,255 | 558,314 | 1,134,884 | 10,818 | 1,704,016 |
| 1966 | 130,774 | 394,878 | 9,521 | 535,173 | 537,841 | 888,690 | 7,661 | 1,434,192 |
| 1967 | 144,890 | 278,528 | 997 | 424,415 | 601,522 | 953,698 | 969 | 1,556,189 |
| 1968 | 229,548 | 308,251 | 749 | 538,548 | 727,772 | 950,789 | 756 | 1,679,317 |
| 1969 | 325,906 | 489,964 | 790 | 816,660 | 752,200 | 1,119,311 | 913 | 1,872,424 |
| 1970 | 307,093 | 576,561 | 1,219 | 884,873 | 663,673 | 1,122,919 | 1,878 | 1,788,470 |
| 1971 | 240,276 | 489,388 | 1,814 | 731,478 | 826,402 | 1,045,046 | 1,886 | 1,873,334 |
| 1972 4/ | 354,869 | 506,297 | 1,906 | 863,072 | 724,874 | 1,138,841 | 1,858 | 1,865,573 |

1/ Revised data, 1964-69, based on the 1969 Census of Agriculture.
2/ All off-farm storages not otherwise designated, including flour mills, terminal elevators and processing plants.
3/ Wheat owned by CCC and stored in bins or other storage owned or controlled by CCC. Other wheat owned by CCC as well as wheat outstanding under loan is included in other positions.
4/ Preliminary.

Table 18.--Wheat: Rotterdam, c.i.f., quotations for cargoes/parcels in nearest shipment position, by months, 1968-72

| Year beginning | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Dollars per bushel - - - - | | | | | | | | | | | | |
| | Canadian No. 1 CWRS - 14 - 1/ | | | | | | | | | | | | |
| 1968 | 2.03 | 2.02 | 2.02 | 2.01 | 2.04 | 2.02 | 2.07 | 2.07 | 2.00 | 1.93 | 1.94 | 1.94 | 2.01 |
| 1969 | 1.93 | 1.89 | 1.88 | 1.91 | 1.94 | 1.94 | 1.97 | 2.00 | 2.03 | 1.98 | 2.00 | 1.97 | 1.95 |
| 1970 | 1.96 | 2.00 | 2.06 | 2.14 | 2.10 | 2.07 | 2.08 | 2.02 | 1.99 | 1.99 | 1.90 | 1.94 | 2.02 |
| 1971 | 1.94 | 1.94 | 1.95 | 1.96 | 2.00 | 2.01 | 2.01 | 1.98 | 1.98 | 1.99 | 1.98 | 1.97 | 1.98 |
| 1972 | 1.97 | 1.99 | 2.54 | 2.93 | 2.76 | 3.13 | | | | | | | |
| | United States No. 2 Hard Winter, 12 percent | | | | | | | | | | | | |
| 1968 | 1.85 | 1.82 | 1.84 | 1.85 | 1.85 | 1.87 | 1.85 | 1.85 | 1.80 | 1.78 | 1.79 | 1.81 | 1.83 |
| 1969 | 1.86 | 1.74 | 1.62 | 1.61 | 1.63 | 1.67 | 1.67 | 1.68 | 1.67 | 1.69 | 1.63 | 1.65 | 1.68 |
| 1970 | 1.75 | 1.78 | 1.89 | 1.91 | 1.91 | 1.88 | 1.90 | 1.89 | 1.87 | 1.83 | 1.79 | 1.78 | 1.85 |
| 1971 | 1.80 | 1.77 | 1.76 | 1.74 | 1.79 | 1.76 | 1.76 | 1.74 | 1.75 | 1.76 | 1.77 | 1.76 | 1.76 |
| 1972 | 1.76 | 1.78 | 2.27 | 2.49 | 2.53 | 2.85 | | | | | | | |
| | United States Dark Northern Spring, 15 percent | | | | | | | | | | | | |
| 1968 | 2.00 | 2.01 | 2.02 | 2.02 | 2.00 | 1.99 | 1.98 | 1.98 | 1.95 | 1.92 | 1.94 | 1.93 | 1.98 |
| 1969 | 1.91 | 1.88 | 1.90 | 1.91 | 1.91 | 1.93 | 1.95 | 1.94 | 1.97 | 1.96 | 1.98 | 1.96 | 1.93 |
| 1970 | 1.95 | 1.98 | 2.03 | 2.09 | 2.09 | 2.11 | 2.11 | 2.08 | 2.05 | 2.02 | 1.95 | 1.97 | 2.04 |
| 1971 | 1.97 | 1.97 | 1.98 | 2.00 | 2.02 | 2.00 | 1.98 | 1.97 | 1.98 | 1.97 | 1.99 | 1.94 | 1.98 |
| 1972 | 1.93 | 1.97 | 2.33 | 2.57 | 2.51 | 2.91 | | | | | | | |

1/ Prior to August 1971 Canada No. 2 Manitoba.

Compiled from International Wheat Council data by Grain and Feed Division, FAS.

Table 19--Wheat: Supply and disappearance, United States, Canada, Australia, and Argentina, average 1960-64 and 1965-69, annual 1970-72

| Crop year | Supply | | | Disappearance | |
|---|---|---|---|---|---|
| | Beginning carryover 1/ | Production | Total 2/ | Domestic | Exports including flour |
| | - - - - Million bushels - - - - | | | | |
| Year beginning July 1 | United States | | | | |
| Average | | | | | |
| 1960-64 | 1,228 | 1,222 | 2,455 | 605 | 721 |
| 1965-69 | 626 | 1,426 | 2,054 | 709 | 705 |
| 1970 | 885 | 1,351 | 2,237 | 768 | 738 |
| 1971 3/ | 731 | 1,618 | 2,350 | 855 | 632 |
| 1972 4/ | 863 | 1,545 | 2,409 | 818 | 1,150 |
| Year beginning August 1 | Canada | | | | |
| Average | | | | | |
| 1960-64 | 509 | 538 | 1,047 | 148 | 407 |
| 1965-69 | 606 | 681 | 1,287 | 164 | 418 |
| 1970 | 1,009 | 332 | 1,341 | 163 | 434 |
| 1971 3/ | 744 | 530 | 1,274 | 182 | 503 |
| 1972 4/ | 589 | 533 | 1,122 | 165 | 600 |
| Year beginning December 1 | Australia | | | | |
| Average | | | | | |
| 1960-64 | 29 | 305 | 334 | 78 | 234 |
| 1965-69 | 88 | 387 | 475 | 91 | 247 |
| 1970 | 265 | 290 | 555 | 96 | 332 |
| 1971 3/ | 127 | 318 | 445 | 104 | 285 |
| 1972 4/ | 56 | 215 | 271 | 96 | 155 |
| Year beginning December 1 | Argentina | | | | |
| Average | | | | | |
| 1960-64 | 36 | 263 | 299 | 134 | 113 |
| 1965-69 | 47 | 238 | 289 | 148 | 108 |
| 1970 | 29 | 181 | 210 | 154 | 31 |
| 1971 3/ | 25 | 200 | 225 | 157 | 59 |
| 1972 4/ | 9 | 294 | 303 | 159 | 130 |

1/ From previous crops for the U.S. and Canada farm stocks are included; net changes in farm stocks for Australia and Argentina are reflected in domestic disappearance.
2/ Supply for U.S. and Canada include imports. Australian and Argentine imports are generally insignificant.
3/ Preliminary.
4/ Estimated.

Compiled from records of Foreign Agricultural Service, Grain and Feed Division.

Table 20.--Wheat: Acreage, yield per acre, and production, in specified countries, average 1966-70, annual 1971 and 1972 1/*

| Continent and Country | Area 2/ | | | Yield | | | Production | | |
|---|---|---|---|---|---|---|---|---|---|
| | Average 1966-70 | 1971 | 1972 3/ | Average 1966-70 | 1971 | 1972 3/ | Average 1966-70 | 1971 | 1972 3/ |
| | 1,000 Ha. | 1,000 Ha. | 1,000 Ha. | Qu./Ha. | Qu./Ha. | Qu./Ha. | 1,000 Mt. | 1,000 Mt. | 1,000 Mt. |
| North America: | | | | | | | | | |
| Canada | 10,254 | 7,854 | 8,640 | 16.4 | 18.3 | 16.8 | 16,797 | 14.412 | 14,514 |
| Guatemala | 34 | 43 | 45 | 9.3 | 8.6 | 8.7 | 32 | 37 | 39 |
| Honduras | --- | 1 | 1 | 10.0 | 10.0 | 10.0 | --- | 1 | 1 |
| Mexico | 721 | 640 | 680 | 27.0 | 29.7 | 26.5 | 1,948 | 1,900 | 1,800 |
| United States | 20,522 | 19,294 | 19,143 | 19.0 | 22.8 | 22.0 | 38,991 | 44,029 | 42,042 |
| Total | 31,531 | 27,832 | 28,509 | 18.3 | 21.7 | 20.5 | 57,767 | 60,379 | 58,396 |
| South America: | | | | | | | | | |
| Argentina | 5,151 | 4,295 | 4,800 | 12.1 | 12.7 | 16.7 | 6,249 | 5,440 | 8,000 |
| Brazil | 905 | 2,300 | 1,500 | 9.4 | 8.8 | 6.7 | 854 | 2,030 | 1,000 |
| Chile | 726 | 712 | 600 | 17.4 | 12.6 | 12.5 | 1,263 | 900 | 750 |
| Colombia | 80 | 43 | 52 | 11.4 | 10.5 | 12.5 | 92 | 45 | 65 |
| Ecuador | 71 | 70 | 60 | 9.0 | 8.6 | 8.3 | 64 | 60 | 50 |
| Peru | 147 | 139 | 135 | 9.3 | 8.8 | 9.6 | 136 | 122 | 130 |
| Uruguay | 362 | 340 | 280 | 10.0 | 8.9 | 5.4 | 362 | 302 | 150 |
| Total 4/ | 7,441 | 7,899 | 7,427 | 12.1 | 11.3 | 13.7 | 9,021 | 8,899 | 10,145 |
| Europe | | | | | | | | | |
| Belgium | 203 | 202 | 214 | 37.5 | 45.3 | 44.4 | 763 | 915 | 950 |
| France | 3,958 | 3,977 | 3,988 | 34.3 | 38.6 | 44.1 | 13,590 | 15,360 | 17,600 |
| Germany, West 5/ | 1,451 | 1,544 | 1,626 | 37.7 | 44.9 | 39.4 | 5,473 | 6,928 | 6,410 |
| Italy | 4,184 | 3,952 | 3,853 | 22.9 | 25.5 | 24.4 | 9,585 | 10,070 | 9,413 |
| Luxembourg | 15 | 12 | 11 | 28.6 | 32.5 | 32.7 | 42 | 39 | 36 |
| Netherlands | 150 | 142 | 156 | 45.1 | 49.7 | 45.6 | 678 | 706 | 711 |
| Total EC | 9,962 | 9,829 | 9,848 | 30.2 | 34.6 | 35.7 | 30,131 | 34,018 | 35,120 |
| Austria | 299 | 274 | 274 | 31.7 | 35.5 | 31.5 | 949 | 974 | 863 |
| Denmark | 98 | 121 | 133 | 45.3 | 48.3 | 45.3 | 445 | 585 | 602 |
| Finland | 216 | 173 | 179 | 21.1 | 25.6 | 25.9 | 456 | 443 | 463 |
| Greece | 982 | 960 | 904 | 18.4 | 20.1 | 21.2 | 1,809 | 1,933 | 1,919 |
| Ireland | 79 | 91 | 64 | 37.8 | 41.4 | 35.9 | 300 | 377 | 230 |
| Norway | 4 | 3 | 3 | 30.0 | 33.3 | 33.3 | 11 | 10 | 10 |
| Portugal | 578 | 629 | 635 | 9.3 | 13.3 | 9.1 | 538 | 835 | 577 |
| Spain | 3,968 | 3,600 | 3,500 | 12.4 | 15.2 | 12.9 | 4,938 | 5,455 | 4,510 |
| Sweden | 244 | 245 | 258 | 38.2 | 40.6 | 43.8 | 932 | 995 | 1,131 |
| Switzerland | 104 | 94 | 93 | 37.3 | 41.0 | 35.1 | 386 | 385 | 326 |
| United Kingdom | 932 | 1,097 | 1,130 | 39.6 | 43.9 | 42.3 | 3,689 | 4,815 | 4,776 |
| Total Western Europe | 17,466 | 17,116 | 17,021 | 25.5 | 29.7 | 29.7 | 44,584 | 50,825 | 50,527 |
| Bulgaria | 1,064 | 1,008 | 1,000 | 27.4 | 30.3 | 30.0 | 2,919 | 3,053 | 3,000 |
| Czechoslovakia | 991 | 1,130 | 1,190 | 29.0 | 35.2 | 37.0 | 2,869 | 3,978 | 4,400 |
| Germany, East | 549 | 633 | 640 | 36.5 | 39.3 | 43.8 | 2,006 | 2,490 | 2,800 |
| Hungary | 1,157 | 1,274 | 1,311 | 25.9 | 30.7 | 31.1 | 2,996 | 3,912 | 4,082 |
| Poland | 1,835 | 2,060 | 2,110 | 23.2 | 26.5 | 26.2 | 4,260 | 5,456 | 5,530 |
| Romania | 2,769 | 2,498 | 2,522 | 16.9 | 22,4 | 24.6 | 4,688 | 5,585 | 6,200 |
| Yugoslavia | 1,914 | 1,929 | 1,929 | 23.5 | 29.1 | 25.1 | 4,490 | 5,604 | 4,841 |
| Total Eastern Europe | 10,279 | 10,532 | 10,702 | 23.6 | 28.6 | 28.8 | 24,228 | 30,078 | 30,853 |
| Total Europe | 27,745 | 27,648 | 27,723 | 24.8 | 29.3 | 29.4 | 68,812 | 80,903 | 81,380 |
| U.S.S.R. (Europe and Asia) | 67,174 | 64,000 | 60,000 | 11.0 | 12.8 | 10.4 | 74,140 | 81,900 | 62,300 |
| Africa: | | | | | | | | | |
| Algeria | 2,056 | 2,100 | 2,000 | 6.1 | 5.7 | 6.8 | 1,247 | 1,200 | 1,350 |
| Egypt | 547 | 569 | 570 | 26.2 | 27.6 | 28.1 | 1,434 | 1,570 | 1,600 |
| Ethiopia | 432 | 433 | 433 | 7.5 | 7.4 | 7.4 | 323 | 320 | 320 |
| Kenya | 156 | 126 | 118 | 13.3 | 13.1 | 13.0 | 208 | 165 | 153 |
| Morocco | 1,797 | 1,885 | 2,025 | 8.7 | 11.7 | 12.1 | 1,560 | 2,210 | 2,450 |
| Nigeria | 2 | 3 | 3 | 18.9 | 23.3 | 23.3 | 3 | 7 | 7 |
| South Africa | 1,536 | 2,010 | 2,017 | 7.4 | 8.3 | 8.4 | 1,130 | 1,670 | 1,700 |
| Sudan | 90 | 124 | 124 | 10.5 | 10.9 | 10.9 | 95 | 135 | 135 |
| Tunisia | 743 | 950 | 1,000 | 4.7 | 6.3 | 8.0 | 353 | 600 | 800 |
| Total 4/ | 7,359 | 8,200 | 8,290 | 8.6 | 9.6 | 10.3 | 6,352 | 7,877 | 8,515 |
| Asia: | | | | | | | | | |
| Afghanistan | 2,763 | 2,533 | 2,513 | 8.9 | 8.9 | 11.7 | 2,465 | 2,250 | 2,952 |
| China-Mainland | 24,460 | 24,400 | 24,400 | 9.6 | 9.8 | 9.6 | 23,400 | 24,000 | 23,500 |
| China, Republic of (Taiwan) | 8 | 1 | 1 | 20.3 | 20.0 | 20.0 | 16 | 2 | 2 |
| Cyprus | 56 | 65 | 60 | 12.6 | 13.8 | 10.0 | 70 | 90 | 60 |
| India | 14,615 | 18,240 | 19,162 | 10.6 | 13.1 | 13.8 | 15,420 | 23,832 | 26,477 |
| Iran | 4,280 | 4,000 | 4,300 | 9.0 | 7.5 | 9.1 | 3,858 | 3,000 | 3,900 |
| Iraq | 1,942 | 1,387 | 1,900 | 5.5 | 5.9 | 8.4 | 1,061 | 814 | 1,600 |
| Israel | 98 | 113 | 114 | 16.0 | 17.7 | 24.6 | 156 | 200 | 280 |
| Japan | 325 | 166 | 114 | 26.2 | 26.5 | 24.9 | 853 | 440 | 284 |
| Jordan | 243 | 299 | 265 | 5.9 | 6.7 | 9.2 | 144 | 201 | 243 |
| Korea, Rep. of | 155 | 143 | 145 | 21.8 | 22.5 | 16.8 | 339 | 322 | 243 |
| Lebanon | 61 | 60 | 64 | 9.1 | 7.5 | 9.4 | 55 | 45 | 60 |
| Nepal | 153 | 150 | 150 | 13.8 | 11.7 | 14.0 | 211 | 175 | 210 |
| Pakistan | 5,863 | 5,978 | 5,900 | 9.9 | 10.8 | 11.5 | 5,786 | 6,476 | 6,807 |
| Syria | 861 | 875 | 875 | 6.3 | 6.9 | 9.1 | 540 | 600 | 800 |
| Turkey | 8,110 | 8,200 | 8,100 | 10.3 | 13.0 | 11.7 | 8,380 | 10,700 | 9,500 |
| Total 4/ | 63,992 | 66,610 | 68,063 | 9.8 | 11.0 | 11.3 | 62,754 | 73,147 | 76,918 |
| Oceania: | | | | | | | | | |
| Australia | 8,864 | 7,226 | 6,400 | 12.1 | 12.0 | 9.1 | 10,697 | 8,651 | 5,851 |
| New Zealand | 111 | 119 | 115 | 33.6 | 34.3 | 33.7 | 372 | 408 | 388 |
| Total | 8,975 | 7,345 | 6,515 | 12.3 | 12.3 | 9.6 | 11,069 | 9,059 | 6,239 |
| World Total | 214,217 | 209,534 | 206,527 | 13.5 | 15.4 | 14.7 | 289,915 | 322,164 | 303,893 |

1/ Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1972 is combined with estimates for the Southern Hemisphere harvests which begin late in 1972 and end early in 1973. 2/ Harvested ares as far as possible. 3/ Preliminary. 4/ Estimated totals include allowance for producing countries now shown. 5/ Reduced for shrinkage.

*1 Hectare = 2.47 acres  1 Quintal = 3.67 bushels  1 Metric ton = 36.74 bushels.

Foreign Agricultural Service. Prepared or estimated on the Basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

Table 21.--Rye: Supply, distribution and prices, average 1965-69, annual 1970-72

| Item | Year beginning July | | | |
|---|---|---|---|---|
| | Average 1965-69 | 1970 | 1971 1/ | 1972 2/ |
| | - - - - Million bushels - - - - | | | |
| Supply | | | | |
| Carryover on July 1 | 16.9 | 21.1 | 27.9 | 45.6 |
| Production | 27.6 | 36.8 | 49.3 | 29.5 |
| Imports | 1.2 | .7 | .2 | .5 |
| Total | 45.7 | 58.6 | 77.4 | 75.6 |
| Domestic disappearance | | | | |
| Food | 5.4 | 5.4 | 5.2 | 5.2 |
| Seed | 5.6 | 6.9 | 5.5 | 4.5 |
| Industry | 4.6 | 3.4 | 3.1 | 3.0 |
| Feed (Residual) 4/ | 9.0 | 11.4 | 16.2 | 20.0 |
| Fed on farms where grown | (3.0) | (4.2) | --- | --- |
| Total | 24.6 | 27.1 | 30.0 | 32.7 |
| Exports | 2.6 | 3.6 | 1.8 | 15.0 |
| Total disappearance | 27.2 | 30.7 | 31.8 | 47.7 |
| Ending carryover June 30 | 18.5 | 27.9 | 45.6 | 27.9 |
| Privately owned--"Free" | (7.4) | (2.7) | (3.8) | |
| | - - - - Dollars per bushel - - - - | | | |
| National average loan rate | 1.02 | 1.02 | .89 | .89 |
| Price received by farmers | 1.03 | .98 | .90 | .94 |

1/ Preliminary.

2/ Projected. Imports and distribution items are partly estimated.

3/ Residual item; roughly approximates total feed use.

Table 22.--Rye: U.S. Supply and disappearance, average 1965-69, by quarters, 1970-72

| Year and quarter | Beginning stocks | Production | Imports | Total supply | Ending stocks | Total disappearance | Exports | Domestic: Food | Domestic: Seed | Domestic: Industry | Domestic: Feed 1/ | Domestic: Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - 1,000 bushels - - - - | | | | | | | | | | | |
| Average 1965-69 | | | | | | | | | | | | |
| July-Sept. | 16,901 | 27,644 | 247 | 44,792 | 35,223 | 9,569 | 756 | 1,369 | 2.598 | 871 | 3,975 | 8,813 |
| Oct.-Dec. | 35,223 | | 284 | 35,507 | 27,676 | 7,831 | 491 | 1,410 | 2,598 | 1,196 | 2,136 | 7,340 |
| Jan.-Mar. | 27,676 | | 179 | 27,855 | 23,300 | 4,555 | 316 | 1,400 | 280 | 1,374 | 1,185 | 4,239 |
| Apr.-June | 23,300 | | 452 | 23,752 | 18,550 | 5,202 | 998 | 1,223 | 161 | 1,111 | 1,709 | 4,204 |
| Season | 16,901 | 27,644 | 1,162 | 45,707 | 18,550 | 27,157 | 2,561 | 5,402 | 5,637 | 4,552 | 9,005 | 24,596 |
| 1970/71 | | | | | | | | | | | | |
| July-Sept. | 21,099 | 36,840 | 185 | 58,124 | 48,142 | 9,982 | 12 | 1,502 | 3,162 | 696 | 4,610 | 9,970 |
| Oct.-Dec. | 48,142 | | 417 | 48,559 | 40,804 | 7,755 | 5 | 1,377 | 3,162 | 973 | 2,238 | 7,750 |
| Jan.-Mar. | 40,804 | | 61 | 40,865 | 34,361 | 6,504 | 404 | 1,319 | 343 | 1,137 | 3,301 | 6,100 |
| Apr.-June | 34,361 | | 30 | 34,391 | 27,876 | 6,515 | 3,201 | 1,219 | 206 | 629 | 1,260 | 3,314 |
| Season | 21,099 | 36,840 | 693 | 58,632 | 27,876 | 30,756 | 3,622 | 5,417 | 6,873 | 3,435 | 11,409 | 27,134 |
| 1971/72 | | | | | | | | | | | | |
| July-Sept. | 27,876 | 49,288 | 131 | 77,295 | 64,770 | 12,525 | 1,604 | 1,380 | 2,530 | 544 | 6,467 | 10,921 |
| Oct.-Dec. | 64,770 | | 110 | 64,880 | 54,620 | 10,260 | 143 | 1,363 | 2,530 | 816 | 5,408 | 10,117 |
| Jan.-Mar. | 54,620 | | --- | 54,620 | 49,332 | 5,288 | 4 | 1,334 | 275 | 997 | 2,678 | 5,284 |
| Apr.-June | 49,332 | | --- | 49,332 | 45,634 | 3,698 | --- | 1,200 | 165 | 650 | 1,683 | 3,698 |
| Season | 27,876 | 49,288 | 241 | 77,405 | 45,634 | 31,771 | 1,751 | 5,277 | 5,500 | 3,007 | 16,236 | 30,020 |
| 1972/73 | | | | | | | | | | | | |
| July-Sept. | 45,634 | 29,536 | 154 | 75,324 | 62,595 | 12,729 | 17 | 1,178 | 2,070 | 354 | 9,110 | 12,712 |
| Oct.-Dec. 2/ | 62,595 | | --- | 62,595 | 54,511 | 8,084 | 174 | 1,209 | 2,070 | 730 | 3,901 | 7,910 |
| Jan.-Mar. | | | | | | | | | | | | |
| Apr.-June | | | | | | | | | | | | |
| Season | | | | | | | | | | | | |

1/ Residual item; roughly approximates total feed use.

2/ Partly estimated.

Table 23--Rye: Acreage, yield and production, United States, 1964-72 1/

| Year of harvest | Acreage seeded 2/ | Acreage harvested | Yield per harvested acre | Production |
|---|---|---|---|---|
| | 1,000 acres | 1,000 acres | Bushels | 1,000 bushels |
| 1964 | 4,552 | 1,696 | 19.1 | 32,476 |
| 1965 | 4,237 | 1,473 | 22.6 | 33,307 |
| 1966 | 3,980 | 1,276 | 21.8 | 27,791 |
| 1967 | 3,660 | 1,063 | 22.5 | 23,949 |
| 1968 | 3,425 | 996 | 23.1 | 22,971 |
| 1969 | 3,959 | 1,291 | 23.4 | 30,204 |
| 1970 | 4,196 | 1,427 | 25.8 | 36,840 |
| 1971 | 4,847 | 1,754 | 28.1 | 49,288 |
| 1972 3/ | 3,534 | 1,101 | 26.8 | 29,536 |

1/ Revised data, 1964-69, based on the 1969 Census of Agriculture.

2/ Seeded for all purposes in preceding fall.

3/ Preliminary.

Table 24--Rye: Stocks, United States, by quarters, 1964-73 1/

| Year | January 1 | | | | April 1 | | | |
|---|---|---|---|---|---|---|---|---|
| | On farms | Off farm mills, elevators, and warehouses 2/ | Commodity Credit Corporation 3/ | Total all positions | On farms | Off farm mills, elevators, and warehouses 2/ | Commodity Credit Corporation 3/ | Total all positions |
| | 1,000 bushels | | | | 1,000 bushels | | | |
| 1964 | 5,608 | 9,005 | 152 | 14,765 | 3,459 | 7,254 | 115 | 10,828 |
| 1965 | 11,340 | 9,574 | 69 | 20,983 | 9,216 | 8,082 | 68 | 17,366 |
| 1966 | 13,136 | 15,092 | 585 | 28,813 | 9,938 | 14,284 | 585 | 24,807 |
| 1967 | 9,552 | 18,216 | 605 | 28,373 | 7,532 | 16,197 | 559 | 24,288 |
| 1968 | 8,652 | 18,585 | 425 | 27,662 | 6,756 | 15,981 | 426 | 23,163 |
| 1969 | 8,770 | 15,006 | 419 | 24,195 | 5,841 | 13,678 | 419 | 19,938 |
| 1970 | 10,610 | 18,316 | 413 | 29,339 | 7,321 | 16,568 | 413 | 24,302 |
| 1971 | 14,437 | 25,838 | 529 | 40,804 | 10,219 | 23,613 | 529 | 34,361 |
| 1972 4/ | 21,505 | 32,662 | 453 | 54,620 | 17,174 | 31,736 | 422 | 49,332 |
| 1973 4/ | 16,062 | 38,222 | 227 | 54,511 | | | | |
| | July 1 | | | | October 1 | | | |
| 1964 | 1,713 | 3,474 | 117 | 5,304 | 17,741 | 11,384 | 111 | 29,236 |
| 1965 | 2,638 | 10,048 | 167 | 12,853 | 18,223 | 17,240 | 582 | 36,045 |
| 1966 | 3,949 | 14,444 | 612 | 19,005 | 15,536 | 21,505 | 683 | 37,724 |
| 1967 | 3,580 | 14,574 | 523 | 18,677 | 12,240 | 20,524 | 474 | 33,238 |
| 1968 | 3,724 | 13,869 | 419 | 18,012 | 13,250 | 17,895 | 419 | 31,564 |
| 1969 | 1,990 | 13,549 | 418 | 15,957 | 15,598 | 21,534 | 412 | 37,544 |
| 1970 | 2,766 | 17,912 | 421 | 21,099 | 20,313 | 27,300 | 529 | 48,142 |
| 1971 | 2,328 | 25,026 | 522 | 27,876 | 28,335 | 35,947 | 488 | 64,770 |
| 1972 4/ | 11,543 | 33,748 | 343 | 45,634 | 21,963 | 40,378 | 254 | 62,595 |

1/ Revised data, 1964-69, based on the 1969 Census of Agriculture.

2/ All off-farm storages not otherwise designated, including flour mills, terminal elevators and processing plants.

3/ Rye owned by CCC and stored in bins or other storage owned or controlled by CCC. Other rye owned by CCC as well as rye outstanding under loan is included in other positions.

4/ Preliminary.

Table 25 .--Rye: Farm and cash prices, by selected States and markets, 1971-73

| Item | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Season average 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Dollars per bushel - - - - | | | | | | | | | | | | |
| Colorado | | | | | | | | | | | | | |
| 1971/72 | .88 | .86 | .87 | .87 | .87 | .91 | .91 | .90 | .90 | .90 | .91 | .90 | .88 |
| 1972/73 | .92 | .96 | 1.00 | 1.00 | 1.02 | 1.08 | 1.11 | | | | | | |
| Georgia | | | | | | | | | | | | | |
| 1971/72 | 1.90 | 1.70 | 1.80 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 1.90 | 1.90 | 1.90 | 1.87 |
| 1972/73 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.10 | 2.10 | | | | | | |
| Kansas | | | | | | | | | | | | | |
| 1971/72 | .86 | .87 | .87 | .85 | .85 | .85 | .84 | .80 | .81 | .80 | .79 | .79 | .86 |
| 1972/73 | .79 | .84 | .86 | .85 | .93 | 1.05 | 1.00 | | | | | | |
| Minnesota | | | | | | | | | | | | | |
| 1971/72 | .85 | .73 | .77 | .80 | .76 | .78 | .83 | .85 | .85 | .85 | .87 | .83 | .89 |
| 1972/73 | .81 | .80 | .80 | .83 | .90 | .94 | .92 | | | | | | |
| Nebraska | | | | | | | | | | | | | |
| 1971/72 | .87 | .82 | .81 | .82 | .84 | .84 | .85 | .87 | .84 | .85 | .87 | .86 | .84 |
| 1972/73 | .87 | .87 | .93 | .96 | .98 | 1.11 | 1.11 | | | | | | |
| North Dakota | | | | | | | | | | | | | |
| 1971/72 | .73 | .60 | .64 | .65 | .64 | .66 | .70 | .71 | .73 | .74 | .75 | .72 | .74 |
| 1972/73 | .69 | .70 | .72 | .74 | .79 | .84 | .83 | | | | | | |
| South Dakota | | | | | | | | | | | | | |
| 1971/72 | .77 | .68 | .72 | .73 | .71 | .74 | .78 | .78 | .81 | .81 | .80 | .77 | .79 |
| 1972/73 | .74 | .73 | .74 | .77 | .84 | .92 | .87 | | | | | | |
| U.S. average farm | | | | | | | | | | | | | |
| 1971/72 | .94 | .74 | .84 | .85 | .84 | .82 | .82 | .83 | .82 | .83 | .81 | 1.10 | .90 |
| 1972/73 | .96 | .81 | .96 | .95 | 1.01 | 1.02 | .97 | | | | | | |
| Minneapolis No. 2 | | | | | | | | | | | | | |
| 1971/72 | 1.00 | .92 | .95 | .96 | .91 | .99 | 1.03 | 1.05 | 1.04 | 1.04 | 1.06 | .99 | 1.00 |
| 1972/73 | .98 | .97 | .98 | 1.05 | 1.14 | 1.15 | | | | | | | |
| Winnipeg No. 3 Canadian Western | | | | | | | | | | | | | |
| 1971/72 | .98 | .83 | .84 | .89 | .89 | .90 | .89 | .91 | .95 | 1.02 | .98 | .97 | .92 |
| 1972/73 | .99 | 1.05 | 1.15 | 1.18 | 1.22 | 1.53 | | | | | | | |

1/ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate. Simple average for Minneapolis No. 2 and Winnipeg No. 3.

Table 26.--Rye: Acreage, yield per acre, and production, in specified countries, average 1966-70, annual 1971 and 1972 1/*

| Continent and Country | Area 2/ | | | Yield | | | Production | | |
|---|---|---|---|---|---|---|---|---|---|
| | Average 1966-70 | 1971 | 1972 3/ | Average 1966-70 | 1971 | 1972 3/ | Average 1966-70 | 1971 | 1972 3/ |
| | 1,000 Ha. | 1,000 Ha. | 1,000 Ha. | Qu./Ha. | Qu./Ha. | Qu./Ha. | 1,000 Mt. | 1,000 Mt. | 1,000 Mt. |
| North America: | | | | | | | | | |
| Canada | 326 | 387 | 257 | 12.7 | 14.4 | 13.4 | 412 | 557 | 344 |
| United States | 486 | 710 | 446 | 14.8 | 17.6 | 16.8 | 720 | 1,252 | 750 |
| Total | 812 | 1,097 | 703 | 13.9 | 16.5 | 15.6 | 1,132 | 1,809 | 1,094 |
| South America: | | | | | | | | | |
| Argentina | 495 | 433 | 583 | 6.2 | 5.9 | 6.0 | 308 | 256 | 350 |
| Total | 495 | 433 | 583 | 6.2 | 5.9 | 6.0 | 308 | 256 | 350 |
| Europe: | | | | | | | | | |
| Belgium 4/ | 27 | 25 | 24 | 30.0 | 35.6 | 32.9 | 81 | 89 | 79 |
| France 4/ | 175 | 137 | 134 | 19.8 | 22.5 | 25.1 | 346 | 308 | 336 |
| Germany, West 4/5/ | 981 | 906 | 879 | 30.2 | 34.1 | 33.6 | 2,967 | 3,093 | 2,957 |
| Italy | 41 | 29 | 26 | 18.5 | 18.6 | 18.8 | 76 | 54 | 49 |
| Luxembourg | 2 | 2 | 1 | 30.0 | 25.0 | 50.0 | 6 | 5 | 5 |
| Netherlands | 68 | 60 | 56 | 30.8 | 34.8 | 33.9 | 209 | 209 | 190 |
| Total EC | 1,297 | 1,159 | 1,120 | 28.4 | 32.4 | 32.3 | 3,685 | 3,758 | 3,616 |
| Austria | 142 | 145 | 144 | 27.5 | 30.9 | 27.9 | 391 | 448 | 402 |
| Denmark | 41 | 42 | 41 | 31.5 | 35.7 | 39.5 | 129 | 150 | 162 |
| Finland | 79 | 59 | 59 | 17.2 | 21.5 | 20.2 | 136 | 127 | 119 |
| Greece | 10 | 5 | 6 | 11.0 | 16.0 | 11.7 | 11 | 8 | 7 |
| Norway | 1 | 1 | 1 | 30.0 | 50.0 | 30.0 | 3 | 5 | 3 |
| Portugal | 246 | 230 | 218 | 6.9 | 7.1 | 7.1 | 169 | 163 | 155 |
| Spain | 359 | 285 | 270 | 9.2 | 9.4 | 9.6 | 332 | 269 | 259 |
| Sweden | 64 | 81 | 105 | 28.1 | 37.2 | 34.9 | 180 | 301 | 366 |
| Switzerland | 14 | 12 | 12 | 36.4 | 42.5 | 43.3 | 51 | 51 | 52 |
| United Kingdom | 4 | 6 | 6 | 32.5 | 30.0 | 30.0 | 13 | 18 | 18 |
| Total Western Europe | 2,257 | 2,025 | 1,982 | 22.6 | 26.2 | 26.0 | 5,100 | 5,298 | 5,159 |
| Bulgaria | 29 | 20 | 20 | 12.1 | 12.0 | 12.0 | 35 | 24 | 24 |
| Czechoslovakia | 309 | 190 | 195 | 21.9 | 26.1 | 23.1 | 678 | 496 | 450 |
| Germany, East | 724 | 668 | 665 | 23.7 | 26.3 | 28.6 | 1,718 | 1,754 | 1,900 |
| Hungary | 189 | 127 | 119 | 11.6 | 14.2 | 14.3 | 219 | 180 | 170 |
| Poland | 4,087 | 3,711 | 3,670 | 18.3 | 21.1 | 21.8 | 7,469 | 7,827 | 8,000 |
| Romania | 57 | 47 | 45 | 10.9 | 11.9 | 11.1 | 62 | 56 | 50 |
| Yugoslavia | 129 | 110 | 110 | 11.6 | 12.2 | 11.8 | 149 | 134 | 130 |
| Total Eastern Europe | 5,524 | 4,873 | 4,824 | 18.7 | 21.5 | 22.2 | 10,330 | 10,471 | 10,724 |
| Total Europe | 7,781 | 6,898 | 6,806 | 19.8 | 22.9 | 23.3 | 15,430 | 15,769 | 15,883 |
| U.S.S.R. (Europe and Asia) | 11,505 | 9,500 | 8,500 | 9.9 | 11.2 | 9.8 | 11,440 | 10,600 | 8,300 |
| Asia: | | | | | | | | | |
| Turkey | 701 | 650 | 650 | 10.9 | 13.8 | 10.8 | 767 | 900 | 700 |
| Total | 701 | 650 | 650 | 10.9 | 13.8 | 10.8 | 767 | 900 | 700 |
| World Total | 21,294 | 18,578 | 17,242 | 13.7 | 15.8 | 15.3 | 29,077 | 29,334 | 26,327 |

1/ Years shown refer to year of harvest in Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1972 is combined with estimates for the Southern Hemisphere harvests which begin late in 1972 and end early in 1973. 2/ Harvested area as far as possible. 3/ Preliminary. 4/ Includes winter mixed grains. 5/ Reduced for shrinkage.

*1 Hectare = 2.47 acres  1 Quintal = 3.94 bushels  1 Metric ton = 39.37 bushels.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attaches and other foreign source materials.

## Revised Tables To Supplement for 1971 to Food Grain Statistics, Bulletin No. 423

### Revised Data Based on Census

This report includes the first set of revisions based on the 1969 Census of Agriculture. Stocks, production, and supply-distribution data for wheat and rye have been revised for 1964-69. Subsequent reports will carry revisions in supply-distribution by class, farm disposition, and prices for the same period. Revisions in both wheat production and stocks were relatively minor. Production was generally adjusted downward with the largest change only around 1% of the crop. Stock adjustments were limited to 2 million bushels or less. Changes in production and stocks are also reflected in wheat and rye feeding. Rye stocks were basically unchanged while the largest shift in production was a 3 million bushel reduction in 1971.

Revised supply-distribution tables, first published in the 1971 Supplement to Food Grain Statistics Bulletin No. 423, are included in this report for your convenience. See pages 36-40.

Table 2.--Wheat: Supply and disappearance, United States, 1950-70

| Year beginning July | Supply | | | | Disappearance | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Continental United States | | | | | | |
| | Carryover | Production | Imports 1/ | Total | Processed for food 2/ | Seed | Industrial | Feed 3/ | Total | Exports 4/ | Total |
| | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. |
| 1950 | 424,714 | 1,019,344 | 11,852 | 1,455,910 | 492,812 | 87,904 | 192 | 109,245 | 690,153 | 365,886 | 1,056,039 |
| 1951 | 399,871 | 988,161 | 31,549 | 1,419,581 | 496,826 | 88,195 | 930 | 102,662 | 688,613 | 474,990 | 1,163,603 |
| 1952 | 255,978 | 1,306,440 | 21,570 | 1,583,988 | 488,171 | 89,091 | 175 | 83,538 | 660,975 | 317,469 | 978,444 |
| 1953 | 605,544 | 1,173,071 | 5,511 | 1,784,126 | 487,468 | 69,478 | 178 | 76,760 | 633,884 | 216,736 | 850,620 |
| 1954 | 933,506 | 983,900 | 4,178 | 1,921,584 | 486,345 | 64,788 | 230 | 60,025 | 611,388 | 274,018 | 885,406 |
| 1955 | 1,036,178 | 937,094 | 9,896 | 1,983,168 | 481,270 | 68,056 | 678 | 53,752 | 603,756 | 345,925 | 949,681 |
| 1956 | 1,033,487 | 1,005,397 | 7,668 | 2,046,552 | 481,218 | 57,995 | 497 | 48,930 | 588,640 | 549,082 | 1,137,722 |
| 1957 | 908,830 | 955,740 | 10,807 | 1,875,377 | 486,605 | 62,960 | 276 | 41,829 | 591,670 | 402,334 | 994,004 |
| 1958 | 881,373 | 1,457,435 | 7,671 | 2,346,479 | 497,558 | 64,287 | 114 | 46,638 | 608,597 | 442,816 | 1,051,413 |
| 1959 | 1,295,066 | 1,117,735 | 7,304 | 2,420,105 | 497,288 | 62,798 | 86 | 36,720 | 596,892 | 509,763 | 1,106,655 |
| 1960 | 1,313,450 | 1,354,709 | 8,080 | 2,676,239 | 497,162 | 64,229 | 83 | 41,933 | 603,407 | 661,493 | 1,264,900 |
| 1961 | 1,411,339 | 1,232,359 | 5,726 | 2,649,424 | 501,543 | 56,353 | 64 | 50,083 | 608,043 | 719,375 | 1,327,418 |
| 1962 | 1,322,006 | 1,091,958 | 5,351 | 2,419,315 | 500,353 | 61,440 | 71 | 18,443 | 580,307 | 643,785 | 1,224,092 |
| 1963 | 1,195,223 | 1,146,821 | 3,921 | 2,345,965 | 503,287 | 64,963 | 56 | 20,161 | 588,467 | 856,113 | 1,444,580 |
| 1964 5/ | 901,386 | 1,283,371 | 1,145 | 2,185,902 | 509,218 | 65,572 | 77 | 68,820 | 643,687 | 724,960 | 1,368,647 |
| 1965 5/ | 817,255 | 1,315,603 | 934 | 2,133,792 | 515,425 | 61,870 | 74 | 153,899 | 731,268 | 867,351 | 1,598,619 |
| 1966 5/ | 535,173 | 1,304,889 | 1,754 | 1,841,816 | 501,936 | 78,430 | 90 | 92,647 | 673,103 | 744,298 | 1,417,401 |
| 1967 5/ | 424,415 | 1,507,598 | 939 | 1,932,952 | 519,155 | 71,509 | 93 | 42,560 | 633,317 | 761,087 | 1,394,404 |
| 1968 5/ | 538,548 | 1,556,635 | 1,070 | 2,096,253 | 519,731 | 61,334 | 94 | 154,260 | 735,419 | 544,174 | 1,279,593 |
| 1969 5/ | 816,660 | 1,442,679 | 3,243 | 2,262,582 | 520,604 | 56,760 | 539 | 193,722 | 771,625 | 606,084 | 1,377,709 |
| 1970 6/ | 884,873 | 1,351,558 | 1,128 | 2,237,559 | 519,538 | 63,247 | 93 | 185,668 | 768,546 | 737,535 | 1,506,081 |
| 1971 | | | | | | | | | | | |
| 1972 | | | | | | | | | | | |

1/ Includes "full-duty" wheat, wheat imported for feed, dutiable flour and macaroni and vermicelli products.

2/ Used for food in the United States and U. S. territories, and by the military both at home and abroad.

3/ Assumed to roughly approximate total amount used for feed, including amount used in mixed and processed feed.

4/ Includes grain, flour wholly from U. S. wheat and products in terms of grain, such as semolina, durum, macaroni, and noodles. Includes exports for relief or charity by individuals and private agencies and Bulgur and Rolled Wheat under Title II. Beginning 1961/62 adjusted for transhipments of U. S. wheat through Canada.

5/ Revised, 1964-69 to reflect production and stocks estimates revised on the basis of the 1969 Census of Agriculture.

6/ Preliminary.

Table 3.--Wheat: Supply and disappearance, United States, by quarters, 1964-71*

| Year and quarter | Beginning stocks | Production | Imports | Total supply | Ending stocks | Total disappearance | Exports: Grain 1/ | Exports: Flour | Exports: Other products 2/ | Exports: Total | Domestic: Flour | Domestic: Other products 2/ | Domestic: Total food | Domestic: Seed | Domestic: Feed 3/ | Domestic: Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | - - - - Million bushels - - - - | | | | | | | | | | | | | | | |
| 1964/65 | | | | | | | | | | | | | | | | |
| July-Sept. | 901.4 | 1,283.4 | .3 | 2,185.1 | 1,809.3 | 375.8 | 159.3 | 22.2 | 2.4 | 183.9 | 4/132.9 | 3.3 | 136.2 | 28.2 | 26.1 | 191.9 |
| Oct.-Dec. | 1,809.3 | | .1 | 1,809.4 | 1,449.3 | 360.1 | 181.1 | 26.9 | 2.4 | 210.4 | 125.5 | 3.3 | 128.8 | 22.3 | | 149.7 |
| Jan.-Mar. | 1,449.3 | | .4 | 1,449.7 | 1,145.2 | 304.5 | 113.4 | 10.1 | 1.7 | 125.2 | 125.0 | 3.4 | 128.4 | .1 | 42.7 | 179.3 |
| Apr.-June | 1,145.2 | | .3 | 1,145.5 | 817.3 | 328.2 | 182.9 | 20.7 | 1.9 | 205.5 | 112.4 | 3.4 | 115.8 | 15.0 | | 122.7 |
| Season | 901.4 | 1,283.4 | 1.1 | 2,185.9 | 817.3 | 1,368.6 | 636.7 | 79.9 | 8.4 | 725.0 | 495.8 | 13.4 | 509.2 | 65.6 | 68.8 | 643.6 |
| 1965/66 | | | | | | | | | | | | | | | | |
| July-Sept. | 817.3 | 1,315.6 | .2 | 2,133.1 | 1,704.0 | 429.1 | 187.4 | 18.7 | 1.4 | 207.5 | 130.9 | 3.3 | 134.2 | 23.5 | 63.9 | 221.6 |
| Oct.-Dec. | 1,704.0 | | .1 | 1,704.1 | 1,336.0 | 368.1 | 166.4 | 19.9 | 2.0 | 188.3 | 126.6 | 3.3 | 129.9 | 23.6 | 26.3 | 179.8 |
| Jan.-Mar. | 1,336.0 | | .3 | 1,336.3 | 917.3 | 419.0 | 212.8 | 12.9 | 3.0 | 228.7 | 126.3 | 3.4 | 129.7 | .1 | 60.5 | 190.3 |
| Apr.-June | 917.3 | | .3 | 917.6 | 535.2 | 382.4 | 217.4 | 22.1 | 3.4 | 242.9 | 118.2 | 3.4 | 121.6 | 14.7 | 3.2 | 139.5 |
| Season | 817.3 | 1,315.6 | .9 | 2,133.8 | 535.2 | 1,598.6 | 784.0 | 73.6 | 9.8 | 867.4 | 502.0 | 13.4 | 515.4 | 61.9 | 153.9 | 731.2 |
| 1966/67 | | | | | | | | | | | | | | | | |
| July-Sept. | 535.2 | 1,304.9 | 1.0 | 1,841.1 | 1,434.2 | 406.9 | 211.1 | 19.5 | 1.3 | 231.9 | 125.5 | 3.3 | 128.8 | 35.6 | 10.6 | 175.0 |
| Oct.-Dec. | 1,434.2 | | .2 | 1,434.4 | 1,047.5 | 386.9 | 184.4 | 20.5 | 2.2 | 207.1 | 123.1 | 3.3 | 126.4 | 25.5 | 27.9 | 179.8 |
| Jan.-Mar. | 1,047.5 | | .2 | 1,047.7 | 699.2 | 348.5 | 135.2 | 11.9 | 3.3 | 150.4 | 124.2 | 3.3 | 127.5 | .2 | 54.3 | 198.1 |
| Apr.-June | 699.2 | | .3 | 699.5 | 424.4 | 275.1 | 136.0 | 16.1 | 2.8 | 154.9 | 115.9 | 3.3 | 119.2 | 17.1 | | 120.2 |
| Season | 535.2 | 1,304.9 | 1.7 | 1,841.8 | 424.4 | 1,417.4 | 666.7 | 68.0 | 9.6 | 744.3 | 488.7 | 13.2 | 501.9 | 78.4 | 92.8 | 673.1 |
| 1967/68 | | | | | | | | | | | | | | | | |
| July-Sept. | 424.4 | 1,507.6 | .1 | 1,932.1 | 1,556.2 | 375.9 | 188.5 | 8.2 | 2.9 | 199.6 | 130.6 | 3.3 | 133.9 | 27.0 | 3.4 | 176.3 |
| Oct.-Dec. | 1,556.2 | | .2 | 1,556.4 | 1,209.7 | 346.7 | 181.5 | 11.5 | 2.8 | 195.8 | 131.1 | 3.2 | 134.3 | 28.6 | | 150.9 |
| Jan.-Mar. | 1,209.7 | | .3 | 1,210.0 | 838.1 | 371.9 | 184.6 | 15.9 | 3.3 | 203.8 | 127.1 | 3.3 | 130.4 | .2 | 37.5 | 168.1 |
| Apr.-June | 838.1 | | .3 | 838.4 | 538.5 | 299.9 | 143.0 | 15.6 | 3.3 | 161.9 | 117.3 | 3.3 | 120.6 | 15.7 | 1.7 | 138.0 |
| Season | 424.4 | 1,507.6 | .9 | 1,932.9 | 538.5 | 1,394.4 | 697.6 | 51.2 | 12.3 | 761.1 | 506.1 | 13.1 | 519.2 | 71.5 | 42.6 | 633.3 |
| 1968/69 | | | | | | | | | | | | | | | | |
| July-Sept. | 538.5 | 1,556.7 | .2 | 2,095.4 | 1,679.3 | 416.1 | 120.5 | 14.0 | 3.3 | 137.8 | 128.8 | 3.3 | 132.1 | 24.1 | 122.1 | 278.3 |
| Oct.-Dec. | 1,679.3 | | .2 | 1,679.5 | 1,341.4 | 338.1 | 142.6 | 18.2 | 3.7 | 164.5 | 132.4 | 3.3 | 135.7 | 22.9 | 15.0 | 173.6 |
| Jan.-Mar. | 1,341.4 | | .3 | 1,341.7 | 1,109.5 | 232.2 | 66.2 | 6.4 | 2.8 | 75.4 | 127.6 | 3.3 | 130.9 | .4 | 17.3 | 156.8 |
| Apr.-June | 1,109.5 | | .4 | 1,109.9 | 816.7 | 293.2 | 141.7 | 22.0 | 2.8 | 166.5 | 117.7 | 3.3 | 121.0 | 13.9 | | 126.7 |
| Season | 538.5 | 1,556.7 | 1.1 | 2,096.3 | 816.7 | 1,279.6 | 471.0 | 60.6 | 12.6 | 544.2 | 506.5 | 13.2 | 519.7 | 61.3 | 154.4 | 735.4 |
| 1969/70 | | | | | | | | | | | | | | | | |
| July-Sept. | 816.7 | 1,442.7 | .3 | 2,259.7 | 1,872.4 | 387.3 | 108.4 | 13.7 | 2.0 | 124.1 | 127.8 | 3.3 | 131.1 | 22.3 | 109.8 | 263.2 |
| Oct.-Dec. | 1,872.4 | | 1.0 | 1,873.4 | 1,532.8 | 340.6 | 127.2 | 17.8 | 4.0 | 149.0 | 134.8 | 3.2 | 138.0 | 21.2 | 32.4 | 191.6 |
| Jan.-Mar. | 1,532.8 | | .8 | 1,533.6 | 1,197.2 | 336.4 | 148.4 | 16.5 | 3.0 | 167.9 | 127.2 | 3.4 | 130.6 | .4 | 37.5 | 168.5 |
| Apr.-June | 1,197.2 | | 1.1 | 1,198.3 | 884.9 | 313.4 | 145.9 | 17.0 | 2.2 | 165.1 | 117.5 | 3.4 | 120.9 | 12.9 | 14.5 | 148.3 |
| Season | 816.7 | 1,442.7 | 3.2 | 2,262.6 | 884.9 | 1,377.7 | 529.9 | 65.0 | 11.2 | 606.1 | 507.3 | 13.3 | 520.6 | 56.8 | 194.2 | 771.6 |
| 1970/71 | | | | | | | | | | | | | | | | |
| July-Sept. | 884.9 | 1,351.6 | .2 | 2,236.7 | 1,788.5 | 448.2 | 154.2 | 9.6 | 3.2 | 167.0 | 131.8 | 3.5 | 135.3 | 24.8 | 121.1 | 281.2 |
| Oct.-Dec. | 1,788.5 | | .2 | 1,788.7 | 1,410.0 | 378.7 | 191.7 | 16.1 | 3.7 | 211.5 | 127.8 | 3.5 | 131.3 | 23.6 | 12.3 | 167.2 |
| Jan.-Mar. | 1,410.0 | | .3 | 1,410.3 | 1,060.4 | 349.9 | 166.0 | 11.3 | 2.1 | 179.4 | 125.7 | 3.5 | 129.2 | .4 | 40.9 | 170.5 |
| Apr.-June | 1,060.4 | | .4 | 1,060.8 | 731.5 | 329.3 | 161.6 | 15.0 | 3.0 | 179.6 | 120.1 | 3.6 | 123.7 | 14.4 | 11.6 | 149.7 |
| Season | 884.9 | 1,351.6 | 1.1 | 2,237.6 | 731.5 | 1,506.1 | 673.5 | 52.0 | 12.0 | 737.5 | 505.4 | 14.1 | 519.5 | 63.2 | 185.9 | 768.6 |

1/ Adjusted for transhipments of U.S. wheat through Canada.
2/ Includes bulgar, rolled wheat, semolina and macaroni.
3/ Assumed to roughly approximate total amount used for feed, including amount used in mixed and processed feed, also includes negligible quantities used in distilled spirits and beer. When seed allocation results in negative feed residual, feed use is not shown by quarter.
4/ Adjusted to reflect shift in monthly milling pattern resulting from changes in price support loan rate and processor's certificate costs.

*Revised, 1964-69 to reflect production and stock estimates revised on the basis of the 1969 Census of Agriculture.

Table 64.--Rye: Supply and disappearance, U.S. by quarters, annual 1964-69*

| Year and quarter | Beginning stocks | Production | Imports | Total supply | Ending stocks | Total disappearance | Exports | Domestic | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Food 1/ | Seed | Industry | Feed 2/ | Total |
| | - - - - 1,000 bushels - - - - | | | | | | | | | | | |
| 1964/65 | | | | | | | | | | | | |
| July-Sept. | 5,304 | 32,476 | 278 | 38,058 | 29,236 | 8,822 | 1,163 | 1,170 | 2,749 | 622 | 3,118 | 7,659 |
| Oct.-Dec. | 29,236 | | 802 | 30,038 | 20,983 | 9,055 | 172 | 1,280 | 2,749 | 1,052 | 3,802 | 8,883 |
| Jan.-Mar. | 20,983 | | 584 | 21,567 | 17,366 | 4,201 | 133 | 1,245 | 299 | 1,194 | 1,330 | 4,068 |
| Apr.-June | 17,366 | | 751 | 18,117 | 12,853 | 5,264 | 643 | 1,244 | 179 | 933 | 2,265 | 4,621 |
| Season | 5,304 | 32,476 | 2,415 | 40,195 | 12,853 | 27,342 | 2,111 | 4,939 | 5,976 | 3,801 | 10,515 | 25,231 |
| 1965/66 | | | | | | | | | | | | |
| July-Sept. | 12,853 | 33,307 | 407 | 46,567 | 36,045 | 10,522 | 742 | 1,285 | 2,583 | 803 | 5,109 | 9,780 |
| Oct.-Dec. | 36,045 | | 93 | 36,138 | 28,813 | 7,325 | 796 | 1,309 | 2,583 | 1,116 | 1,521 | 6,529 |
| Jan.-Mar. | 28,813 | | 526 | 29,339 | 24,807 | 4,532 | 137 | 1,382 | 300 | 1,353 | 1,360 | 4,395 |
| Apr.-June | 24,807 | | 728 | 25,535 | 19,005 | 6,530 | 2,139 | 1,246 | 150 | 1,121 | 1,874 | 4,391 |
| Season | 12,853 | 33,307 | 1,754 | 47,914 | 19,005 | 28,909 | 3,814 | 5,222 | 5,616 | 4,393 | 9,864 | 25,095 |
| 1966/67 | | | | | | | | | | | | |
| July-Sept. | 19,005 | 27,791 | 299 | 47,095 | 37,724 | 9,371 | 1,228 | 1,298 | 2,483 | 875 | 3,487 | 8,143 |
| Oct.-Dec. | 37,724 | | 396 | 38,120 | 28,373 | 9,747 | 733 | 1,332 | 2,483 | 1,196 | 4,003 | 9,014 |
| Jan.-Mar. | 28,373 | | 123 | 28,496 | 24,288 | 4,208 | 1,070 | 1,327 | 260 | 1,447 | 104 | 3,138 |
| Apr.-June | 24,288 | | 809 | 25,097 | 18,677 | 6,420 | 1,361 | 1,182 | 156 | 1,145 | 2,576 | 5,059 |
| Season | 19,005 | 27,791 | 1,627 | 48,423 | 18,677 | 29,746 | 4,392 | 5,139 | 5,382 | 4,663 | 10,170 | 25,354 |
| 1967/68 | | | | | | | | | | | | |
| July-Sept. | 18,677 | 23,949 | 87 | 42,713 | 33,238 | 9,475 | 841 | 1,442 | 2,346 | 940 | | 8,634 |
| Oct.-Dec. | 33,238 | | 138 | 33,376 | 27,662 | 5,714 | 771 | 1,474 | 2,346 | 1,278 | 3,751 | 4,943 |
| Jan.-Mar. | 27,662 | | 90 | 27,752 | 23,163 | 4,589 | 280 | 1,498 | 232 | 1,347 | 1,232 | 4,309 |
| Apr.-June | 23,163 | | 232 | 23,395 | 18,012 | 5,383 | 945 | 1,320 | 136 | 1,179 | 1,803 | 4,438 |
| Season | 18,677 | 23,949 | 547 | 43,173 | 18,012 | 25,161 | 2,837 | 5,734 | 5,060 | 4,744 | 6,786 | 22,324 |
| 1968/69 | | | | | | | | | | | | |
| July-Sept. | 18,012 | 22,971 | 293 | 41,276 | 31,564 | 9,712 | 696 | 1,469 | 2,692 | 878 | 3,977 | 9,016 |
| Oct.-Dec. | 31,564 | | 627 | 32,191 | 24,195 | 7,996 | 4 | 1,482 | 2,692 | 1,251 | 2,567 | 7,992 |
| Jan.-Mar. | 24,195 | | 71 | 24,266 | 19,938 | 4,328 | 10 | 1,367 | 293 | 1,465 | 1,193 | 4,318 |
| Apr.-June | 19,938 | | 123 | 20,061 | 15,957 | 4,104 | 536 | 1,210 | 176 | 1,087 | 1,095 | 3,568 |
| Season | 18,012 | 22,971 | 1,114 | 42,097 | 15,957 | 26,140 | 1,246 | 5,528 | 5,853 | 4,681 | 8,832 | 24,894 |
| 1969/70 | | | | | | | | | | | | |
| July-Sept. | 15,957 | 30,204 | 147 | 46,308 | 37,544 | 8,764 | 275 | 1,349 | 2,886 | 861 | 3,393 | 8,489 |
| Oct.-Dec. | 37,544 | | 164 | 37,708 | 29,339 | 8,369 | 151 | 1,452 | 2,886 | 1,137 | 2,743 | 8,218 |
| Jan.-Mar. | 29,339 | | 83 | 29,422 | 24,302 | 5,120 | 81 | 1,429 | 313 | 1,257 | 2,040 | 5,039 |
| Apr.-June | 24,302 | | 374 | 24,676 | 21,099 | 3,577 | 9 | 1,159 | 188 | 1,024 | 1,197 | 3,568 |
| Season | 15,957 | 30,204 | 768 | 46,929 | 21,099 | 25,830 | 516 | 5,389 | 6,273 | 4,279 | 9,373 | 25,314 |

1/ From Bureau of the Census.

2/ Residual item; roughly approximates total feed use. When seed allocation results in a negative feed residual, feed use is not shown by quarter.

*Revised 1964-69 to reflect production and stock estimates revised on the basis of the 1969 Census of Agriculture.

Table 62--Rye: Supply and disappearance, United States, 1950-70

| Year beginning July | Supply | | | | Disappearance | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Domestic | | | | | | |
| | Stocks 1/ | Production | Imports | Total | Food 2/ | Feed 3/ | Seed | Industry | Total | Exports 4/ | Total |
| | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. | Mil. bu. |
| 1950 | 9.5 | 21.4 | 3.1 | 34.0 | 5.2 | 5.4 | 4.8 | 7.7 | 23.1 | 5.9 | 29.0 |
| 1951 | 5.0 | 21.5 | 1.3 | 27.8 | 5.4 | 5.4 | 4.3 | 4.2 | 19.3 | 4.6 | 23.9 |
| 1952 | 3.9 | 16.2 | 5.6 | 25.7 | 5.2 | 6.3 | 4.7 | 2.9 | 19.1 | .3 | 19.4 |
| 1953 | 6.3 | 18.9 | 13.4 | 38.6 | 5.0 | 7.8 | 5.7 | 5.1 | 23.6 | 5/ | 23.6 |
| 1954 | 15.0 | 26.0 | 3.4 | 44.4 | 5.1 | 8.2 | 7.0 | 4.7 | 25.0 | 3.0 | 28.0 |
| 1955 | 16.4 | 29.1 | 3.4 | 48.9 | 5.0 | 9.4 | 6.2 | 4.6 | 25.2 | 7.0 | 32.2 |
| 1956 | 16.7 | 21.3 | 3.4 | 41.4 | 4.8 | 8.7 | 6.0 | 4.6 | 24.1 | 10.7 | 34.8 |
| 1957 | 6.6 | 28.5 | 3.3 | 38.4 | 4.7 | 10.2 | 5.9 | 4.2 | 25.0 | 3.5 | 28.5 |
| 1958 | 9.9 | 33.2 | 3.2 | 46.3 | 4.5 | 10.0 | 5.4 | 5.3 | 25.2 | 8.5 | 33.7 |
| 1959 | 12.6 | 23.1 | 4.2 | 39.9 | 4.6 | 8.5 | 5.6 | 5.5 | 24.2 | 5.2 | 29.4 |
| 1960 | 10.5 | 33.1 | 2.7 | 46.3 | 4.5 | 9.2 | 5.7 | 5.0 | 24.4 | 7.7 | 32.1 |
| 1961 | 14.2 | 27.4 | .7 | 42.3 | 4.5 | 11.3 | 6.6 | 4.5 | 26.9 | 7.5 | 34.4 |
| 1962 | 7.9 | 40.7 | .5 | 49.1 | 4.7 | 7.1 | 6.1 | 3.7 | 21.6 | 20.6 | 42.2 |
| 1963 | 6.9 | 29.2 | .6 | 36.7 | 4.7 | 6.7 | 6.3 | 3.7 | 21.4 | 10.0 | 31.4 |
| 1964 | 5.3 | 32.5 | 2.4 | 40.2 | 4.9 | 10.5 | 6.0 | 3.8 | 25.2 | 2.1 | 27.3 |
| 1965 | 12.9 | 33.3 | 1.7 | 47.9 | 5.2 | 9.9 | 5.6 | 4.4 | 25.1 | 3.8 | 28.9 |
| 1966 | 19.0 | 27.8 | 1.6 | 48.4 | 5.1 | 10.1 | 5.4 | 4.7 | 25.3 | 4.4 | 29.7 |
| 1967 | 18.7 | 23.9 | .6 | 43.2 | 5.7 | 6.8 | 5.1 | 4.7 | 22.3 | 2.9 | 25.2 |
| 1968 | 18.0 | 23.0 | 1.1 | 42.1 | 5.5 | 8.8 | 5.9 | 4.7 | 24.9 | 1.2 | 26.1 |
| 1969 | 16.0 | 30.2 | .7 | 46.9 | 5.4 | 9.3 | 6.3 | 4.3 | 25.3 | .5 | 25.8 |
| 1970 6/ | 21.1 | 36.8 | .7 | 58.6 | 5.4 | 11.4 | 6.9 | 3.4 | 27.1 | 3.6 | 30.7 |

1/ Includes stocks in interior mills, elevators and warehouses, stocks on farms, in terminals and stocks owned by CCC and stored in bins or other storage owned or controlled by CCC.
2/ From Bureau of the Census.
3/ Residual.
4/ Includes flour.
5/ Less than 50,000 bushels.
6/ Preliminary.

Table 63.--Rye: Ground for flour, United States, by months, 1960-70

| Year beginning July | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. | 1,000 bu. |
| 1960 | 360 | 415 | 371 | 375 | 385 | 395 | 419 | 349 | 364 | 313 | 358 | 395 | 4,499 |
| 1961 | 341 | 394 | 352 | 391 | 389 | 382 | 447 | 363 | 403 | 332 | 380 | 376 | 4,550 |
| 1962 | 375 | 425 | 380 | 435 | 392 | 375 | 447 | 367 | 341 | 352 | 393 | 378 | 4,660 |
| 1963 | 411 | 422 | 381 | 411 | 389 | 379 | 421 | 365 | 377 | 379 | 377 | 416 | 4,728 |
| 1964 | 333 | 393 | 444 | 436 | 411 | 433 | 435 | 382 | 428 | 351 | 448 | 445 | 4,939 |
| 1965 | 389 | 453 | 443 | 454 | 410 | 445 | 440 | 430 | 512 | 385 | 431 | 430 | 5,222 |
| 1966 | 443 | 446 | 409 | 431 | 430 | 471 | 482 | 411 | 434 | 405 | 361 | 416 | 5,139 |
| 1967 | 408 | 533 | 501 | 510 | 501 | 463 | 553 | 474 | 471 | 411 | 463 | 446 | 5,734 |
| 1968 | 468 | 512 | 489 | 480 | 498 | 504 | 490 | 455 | 422 | 384 | 415 | 411 | 5,528 |
| 1969 | 462 | 445 | 442 | 449 | 474 | 529 | 497 | 510 | 422 | 343 | 408 | 408 | 5,389 |
| 1970 1/ | 390 | 645 | 467 | 459 | 420 | 498 | 457 | 440 | 422 | 398 | 426 | 395 | 5,417 |

1/ Preliminary.

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| Prices received by farmers (Monthly) | Agriculture Prices, SRS, U.S. Dept. Agr. |
| Cash prices (Monthly) | Grain Market News, AMS, U.S. Dept. Agr. |
| Retail Food prices (Monthly) | Retail Food Prices by Cities, U.S. Dept. Labor |
| Wholesale Food Prices (Monthly) | Wholesale Prices and Price Indexes, U.S. Dept. Labor |
| Wheat and Flour: Indication of export movement (Monthly) | Grain Market News, AMS, U.S. Dept. Agr. |
| Price Support Loan Activity (Released Mid-month) | Grain Loan Activity, ASCS, U.S. Dept. Agr. |
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